

In Remembrance of Pal Pauer

The Hungarian Water Wizard



Pal Pauer-5-29-41 to 1-27-22

On behalf of the Primary Water Institute, we are saddened to announce that our founder, Pal Pauer passed away on January 27, 2022. We have lost a true pioneer who spent his life helping people worldwide locate and drill for primary water. His motto for the Primary Water Institute was *“Water Beyond Politics”*, and as he said *“It’s hard to get the point across to many people in the U.S. that the Earth makes water. We can access it and solve our problems. Clean, virtually infinite sources of water are right under our feet.”*

Pal’s commitment to providing water for those without it was extraordinary. It was not only his life’s work and his life’s mission, but it was also his passion. He spoke about it constantly and was always thinking ahead about the next projects he would do. He did not let hardship or minor issues stop him from pursuing his goals. Most recently Pal was enamored with the potential of helping some of the native tribes in the southwestern United States and was working with his dear friend Dr. Ed Spencer and Dr Wayne Weber to try to bring this into fruition. Unfortunately, Pal left us before being able to fulfill that dream.

Pal was also committed to helping others learn the art of finding and drilling for primary water, so that his legacy could live on. There are a number of Pal’s protégées around the world that are committed to carrying on Pal’s work.

Two of his remarkable students were:



Paschal Oloo Odienge with Pal.

Paschal Oloo Odienge from Kenya wrote: *“My first day in the field with Pal was the most memorable one. Leaving for the site of his first borehole in Tanzania, we had to cross Lake Victoria on a ferry. Upon disembarking, we had no means of transport except a couple of hired bicycles. Pal rode the bike for nearly 5km both ways! He was 65 years old at the time! On reaching the site, he delivered his first lesson on how to locate borehole sites. After finishing, he had this to say, standing straight like he did all the time he looked me straight in the eye and said, “Paschal now you have something better to use your eyes on other than looking at beautiful women”. RIP my friend.*

Paschal Oloo Odienge <paschalodienge@gmail.com>

Jeremy Christian from New Zealand wrote: *I'm a shy lad from a small, sparsely populated country that counts Antarctica as a close neighbor - Pal was very different and had lived multiple lives. He told stories that he would pick out and share that had kernels of wisdom tucked in here and there. Some of these stories were irreverently funny. Learning under him was fantastic - every question I asked, he was able to point me to an answer. It*



Jeremy Christian and Pal

was almost as if he was drawing his information from a million drillings that he carried around in his head. He was more than simply a dedicated professor, but a mentor and friend as well. May God bless him for his patient investment in his students and may we who have this knowledge be able to use it to be a blessing to this increasingly thirsty world. In the words of Pal, "May God Bless our projects."

Jeremy Christian <jchr053@aucklanduni.ac.nz>

Pal also made many friends in the world of water – and you may have been one of those lucky people who benefitted from Pal's vast knowledge and his gift of drawing others to him.



Lyn Hebenstreit

Lyn Hebenstreit, President, of the [Global Resource Alliance](#) wrote: *"For more than six or seven years, Pal generously shared his considerable experience, skills and knowledge of primary water with the staff of Global Resource Alliance to the great benefit of tens of thousands of rural villagers in the Mara region of Tanzania in desperate need of clean, safe water. He trained us in every aspect of the work from locating potential water sources to the most effective drilling technology and techniques. If faced with the challenge of locating and developing a reliable source of life-giving water in any region of the planet, there is no one in the world I'd rather have by my side than Pal Pauer."*

Lyn Hebenstreit, President, Global Resource Alliance, lrh127@gmail.com

Evie Treen, Founder of [Friends of Woni Kenya International Inc.](#) wrote: *"One thing I know is that I miss my phone calls to Pal. He taught me so much about primary water. Pal sited three wells in Kenya for my non-profit, one in a Maasai village in southern Kenya, the next one in central Kenya in NguNyumu which is called the magical well. It flows even when the pump is down for maintenance. The third well is in Kyaani high school. At the present time the NguNyumu well serves over 5,000 people. The Maasai well is down now due to no spare parts so my nonprofit is raising funds for solar pump storage tanks -platform plus pipeline to a school and to a water reservoir for wild animals. This was one thing Pal wanted to see before he passed. Friends of Woni Kenya is happy to say we now have all of the \$40,500*



Chief Joseph of Incurra Maasai village poses for a photo with Evie Treen in Kenya

needed to do the well project in the Maasai village! All thanks to so many Earth Angels. The project will take two months to complete and there will be a plaque on the platform saying the project is in Pal's memory. We all lost a very special person. But I feel he is watching over us."

Evie Treen Founder, Friends of Woni Kenya International Inc. evie@friendsofwonikenya.org

Pal also approached the ability to access primary water from a place of integrity and respect of this gift and made a conscious effort to honor and not exploit this abundant blessing from the deep. The world is so much richer because of the enormous contributions Pal made in primary water discovery and development.

Early Years



Pal in 1948 at 7 years old.

Pal emigrated by himself from Hungary to the U.S. in 1956 at the age of 15 following the invasion of Hungary by the Soviet Union and to escape Soviet occupation. He attended Ojai Valley School in California where he met Stephan Riess who was a guest speaker about the science of Primary Water. The topic intrigued the young Pal Pauer and the two men would eventually become lifelong friends.

After graduating from high school, Pal went on to College at UC Santa Barbara to take courses in Geology while simultaneously doing an apprenticeship with Stephan Riess who became his mentor, teacher, well drilling partner, and friend until Stephan's death in 1985.



Pal at age 19.

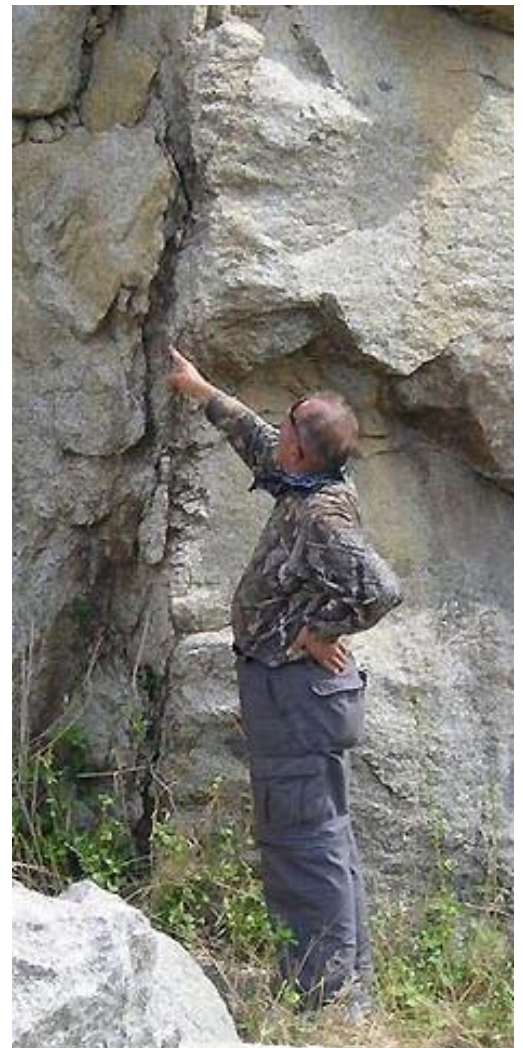
Pal applied what he learned about primary water and drilled more than 800 primary water wells in California and around the world. From 1961 to 2021, Pal supervised and was involved in numerous Primary Water drilling projects in Tanzania, Kenya, Morocco, Hungary, Mexico, the Philippines, Marshall Islands and the U.S.A.¹ Many of these projects were in places that got little precipitation and little hope of a successful, traditional ground water well. Pal proved beyond a shadow of a doubt, that the *earth makes water* and there is plenty available to solve the global water crisis. He said, *"We hear that the wars of the 21st century will be fought over water – rather than oil as in the past. Nothing holds more potential to abolish these wars – and ameliorate the shocking condition of nearly one billion people on earth without access to clean, safe water – than the science of Primary Water."* Pal Pauer



Pal drilled two test boreholes he called the Garlock Project on the Garlock fault, at a 6,000-foot elevation in the Tehachapi's above the Grapevine in California. It is estimated this site will produce 1,000 GPM per-well on land thought to be unproductive.

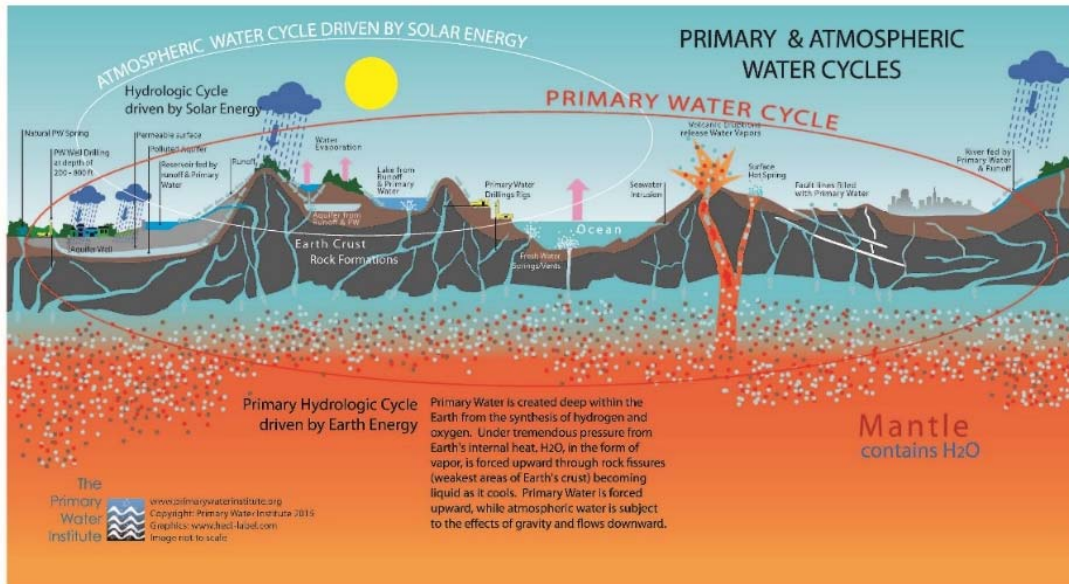
¹ Below is a partial list of Pal Pauer's major Primary Water drilling projects showing date, location, depth & structure, gallons per minute water output:

- 1961 Riess Property, Sulphur Mountain, Ventura Cty: 1 well; 400', Monterey Shale, 50 gpm
- 1962, California City, Mohave Desert: 4 wells, 700' to 1400' bedrock, av. 700 gpm
- 1962 Sulphur Mountain, 2 additional in Ventura Cty; both at 350', Monterey shale; 50 & 25 gpm
- 1965 Cuyama Valley, Kern Cty, CA, 500', meta sedimentary, 150 gpm (redrilled 1972 after earthquake, San Fernando 1971; 5 miles from San Andreas fault)
- 1966 Three Rivers, Tulare Cty.; 200', plutonic granite, 200 gpm
- 1970-1975 Santa Ana Canyon, Ventura Cty; 5 wells: largest 150 feet/700 gpm, sespe sandstone & coldwater, horizontal to 17 feet, 10 gpm; 110'/50 gpm; 200'/30 gpm; 200'/50 gpm
- 1975-1978 & 1984-1987 Coyote Canyon, Ventura Cty. west of Lake Casitas, 2 wells & artisan well: sespe sandstone & coldwater structure: 150'/800 gpm; 200'/75
- 1978 Sulphur Mountain, Ojai, Ventura Cty, 400', Monterey shale, 75 gpm
- 1978-83 Pacific City, Tillamook Cty, OR, elected to District Sewer & Water District, 3 wells: Cape Kiwanda for sewer diet: each 120' kiwanda alluvium structure/ 1200 gpm!!
- 1980 Cloverdale, Tillamook Cty, OR, 175' meta sedimentary, 50 gpm
- 1987 Siskiyou Cty, CA, Klamath River Northern Ranch, 400 acres, 175' in unsorted volcanics, 200 gpm
- 1995 Yreka, California, Hawkinsville/Humbug District, Siskiyou Cty, Pauer property, volcanics, 200' /400 gpm;
 - 2nd well: 150' deep/75 gpm
 - 3rd well: 150' deep/50 gpm
 - 4th well: 200' deep/25 gpm
 - 5th (1965) 250' deep/50 gpm
 - 6th 250' deep/20 gpm
 - 7th 250' deep/25 gpm



Pal pointing out a rock fissure. Courtesy of GRA.

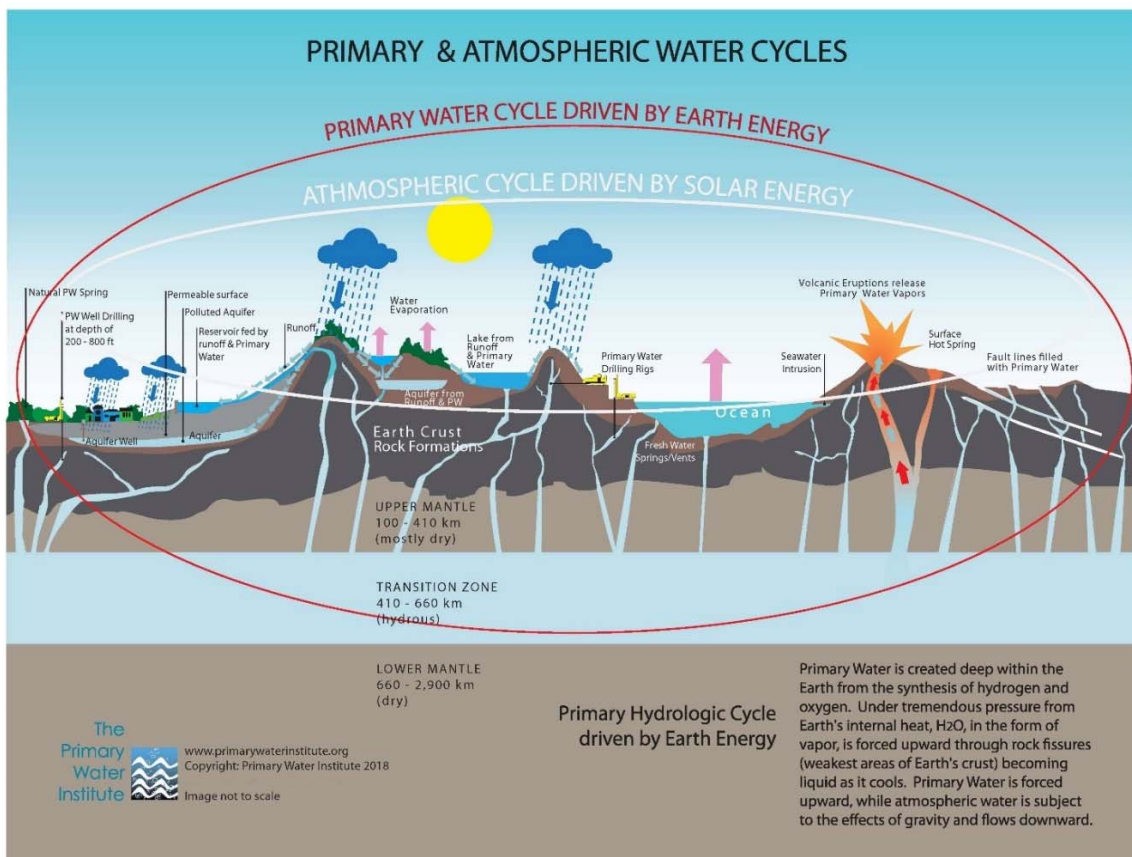
Pal worked with graphic artist Hedi Label on these two illustrations showing the difference between the primary and atmospheric water cycle.



The earth has two major water cycles as shown above - the primary water cycle and the atmospheric water cycle. All of earth's water originates in magma in the earth's mantle and is transported in the form of super-heated, high pressure steam or vapor through geologic cracks and fissures to or near the surface of the earth. This is the primary water cycle as depicted above as the blue above the orange mantle and below the earth's crust. As this vapor reaches the earth's surface it is either released through volcanic steam and fumaroles, or has cooled enough to liquefy into water and forms artesian and other springs and lakes - even in the mountains. This is pure water that has never before been in contact with the atmosphere.

The secondary water cycle is the most familiar hydrologic cycle and moves what is also known as atmospheric water. The secondary water cycle takes the primary water which has reached the earth's surface and, with the sun's heat, utilizes the processes of evaporation, transpiration, and heating and cooling of the atmosphere, to create precipitation which is transported to re-supply the earth with cleansed water or snow - replenishing lakes, streams, rivers, and the ocean.

More Information: PrimaryWaterInstitute.org & PrimaryWater.org



Besides working as a Hydrogeologist, Pal also became a master mason (in brickwork), successful builder in construction, and real estate investor in California. He founded the Primary Water Institute in 1995 and its goal is to train people in the special techniques of how to find and drill for Primary Water.

Dr. Wayne Weber wrote:

I met Pal about 40 years ago when he was a neighbor of Stephan Riess on Sulphur Mountain near Ojai. Pal had many interesting and amusing experiences with Stephan and was frequently involved with providing transportation as Stephan became less comfortable to drive. This became more frequent on one occasion when Stephan had a minor fender bender on the curving Sulphur Mountain road and Pal arranged for towing to the body shop. For the sake of domestic tranquility, Thelma (who thought Stephan should not be driving anymore) was told that the car was in the shop for maintenance.



Screenshot of Dr. Wayne Weber and Stephan Riess from the video: *What is Primary Water, 1985 Interview with Dr. Stephan Riess.* Link to: [1985 Interview with Dr. Stephan Riess.](#)

Pal was a builder and a mason. One of the homes he constructed is on the private road to Taft Gardens near Ojai and it is an amazing work of art. He also constructed the road going into the area from the main highway.



Pal's flair for working with masonry is evident at his own home in Yreka California. Pictured is Pal's friend Katyna.

When Pal was on a water project, it did not end with the site location. He would work with the driller until the well was completed and would leave explicit advice on test pumping. I think one of most satisfying projects Pal worked on was the Garlock Project in the Tehachapi's. Pal frequently talked about the fact that Stephan Riess must be smiling to know that there is now verified evidence of abundant primary water available from the Garlock Fault. Having proved this, I think Pal is smiling as well. Dr. Wayne Weber wweber1@pacbell.net

Greg O'Neill, CEO, WHITE TIGER FARMS, wrote:

Over the years I was blessed to know Pal, he shared his heart with me, and passion regarding Primary Water, and Hungarian food. Every chance I get, I share his work, the PWI website, and the eBook, "New Water for a Thirsty World", which Pal gave me a copy of years ago. Pal's legacy is the story of 'water', how it forms, as the answer to drought and thirst for all people, in every nation. We who knew Pal carry on his work now as he would want us to do. I still remember his excited call to me when he drew water at two test wells, both near the Garlock Fault, within a hundred feet of the surface, nowhere close to an aquifer or water table, at over 6,000 feet of elevation, as vindication of his work over decades, and the years spent by his friend, and mentor, Dr. Stephan Riess.
Greg O'Neill, goneill51@gmail.com



Greg O'Neill

From Mark Burr, ceo@primarywatertechnologies.com wrote:



Pal Pauer at the Hurst well in Tuolumne County

Pal was my first Primary Water mentor. I fondly recall the hours we spent via Skype learning to read topo and other geological maps. The first field work Pal and I did together was at the North Shore of the Salton Sea and found us walking in the steps of Stephan Riess and Verne Cameron. These men had located Primary Water wells that remain pumping away decades later in that supposedly alkaline aquifer. It was also an honor for me to follow Pal up into Tuolumne County and film the locating and drilling of the Hurst well and capture the "Pauer Method" in action.

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Mark Burr, mark.burr1@gmail.com





Pal with Russell Anderson about 2012.



Pal was thrilled to be inducted into the Marquis Who's Who in 2021.

From Russell Anderson, Clear Water Vision wrote:

The year was about 2012. It was the time when I was searching for answers of why we live this life the way we do. That was when I met up with Pal Pauer. . .

It was a time when we stayed up for many hours talking about the formation of the earth. It was a time that even though we lived far apart, and the budget was extremely low, Pal would still show up at my door. It was a time when we laughed so hard our hearts hurt, a time when it mattered not what time it was.

When we explored the oldest lake in America, Clear Lake, California, Pal marveled over the rock formations in a way no one else could. He stood up against what we called the authorities, when he knew they were not. He knew the Natives in this country needed help and there was no time better than NOW to do it. It was when we traveled together with Lyn Hebenstreit in the State of California to prove there was water in the desert.

I heard many stories of Pal's teenage years, when he fought against the Russians in his home country of Hungary. During his teenage years, he migrated to Ojai California to get away from the war and to eventually meet his mentor Stephan Reiss.

This was when, regardless of how far apart we were or of what differences we might have had, I became a part of Pal Pauer's world. Love You Pal.

Russell Anderson, Clear Water Vision, www.clearwatervision.org

Author of **2012 – Six Men on a Road Trip. Mission – Origin of Water**

Kim Glazzard, Friend and Volunteer for the Primary Water Institute wrote:

I was introduced to Pal Pauer in Redding, California in 2014 by our dear friend, Dr. Ed Spencer. Pal is a hero and icon in Primary Water circles. He could find water where few people would even begin to know where to look. He was deeply loved and cherished not only for his extensive knowledge and innate understanding of how to locate Primary Water, but also for his sincere respect and reverence for this God-given gift that lies in massive reserves in the vast earth below our feet. Pal never took for granted the

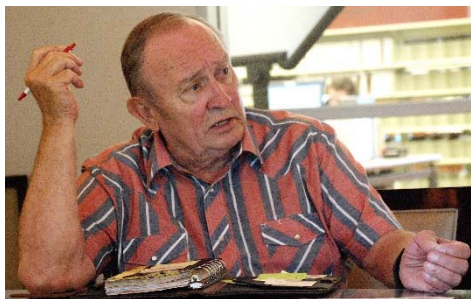


Kim Glazzard, Ed Spencer, Pal Pauer, Jack Linn Sr., Jan Lopez and Debra Hamilton.

treasure of Primary Water, nor his ability to help others access it, but wanted only that this pure and pristine water be used for the greater good of humanity. Pal was also very real, honest, and down-to-earth. And, he loved to teach. He taught me a lot about the rich history, culture, and traditions of his beloved Hungary, from which he was abruptly displaced following the 1956 Soviet invasion. Pal's Hungarian roots and my connection and affinity with Serbia, the former Yugoslavia, and Eastern Europe was another connection we both shared and further bonded us together. While I always hoped and expected there would be more time to learn from Pal about many topics, it wasn't meant to be. I feel very blessed to have known such a great soul, though, and have been counted among his many friends. We miss you dear Pal. God rest your soul and may your memory be Eternal!

Kim Glazzard: hi.kim.glazzard@gmail.com

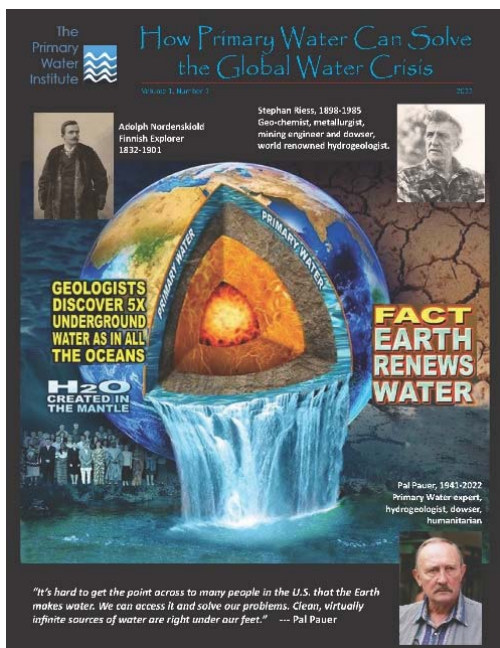
Debra Hamilton, friend and volunteer for the Primary Water Institute wrote:



Pal Pauer at the Redding library.

When I first met Pal in 2014, a group of friends travelled from Sacramento to meet with him in Redding and it was a hot 109-degree day. After a more than a two-hour meeting, we all knew we had found something special when Pal told us about Primary Water. Could it be that the renewable resource called Primary Water could address the global water crisis and alleviate the suffering of millions of thirsty people? And even lakes and streams could be refilled! We were all going to try and help the world find out about this virtually unknown way to create new water.

I was a state employee for almost 30 years so I thought I could help Pal spread the word about primary water to my immediate boss and the heads of the various California resource agencies. California had already been, and still is, in a multi-year drought and water is hard to come by especially in the central valley. I even spoke in front of the State Water Resources Control Board about the Primary Water possibilities. We also included Governor Brown's office in our mass email effort. But, in spite of the drought, nobody was interested. So, we continued on.



After several years of working together, Pal and I created a new Primary Water Institute publication titled **How Primary Water Can Solve the Global Water Crisis** which we created for the [Primary Water Institute](http://PrimaryWaterInstitute.org). Pal was so pleased when it was completed, he said "this will be a wonderful educational tool to share and help others understand the extent of how primary water can help provide water to our world." This new free digital publication explores the vast opportunities that primary water offers our world – and can be viewed and downloaded free at the PrimaryWaterInstitute.org.

Debra Hamilton, calfotogal@comcast.net