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## SHN Welcomes Seinturier & Associates, Inc.

On January 1, 2008 Seinturier & Associates, Inc., a Redding, California engineering and surveying company, merged with SHN. Owned by Trent Seinturier, PLS and John Sharrah, PE. Seinturier & Associates provided land surveying, civil engineering, planning and project management services to private clients in Shasta and Tehama Counties.

“This merger brings additional management capabilities to SHN, strengthens our survey services and increases our presence in the Redding civil engineering market”, noted Jeff Nelson, SHN’s CEO.

Trent will take on the role of SHN’s Survey Services Director and John will continue as a Senior Engineer.

In addition to Trent and John, the merger brought additional staff to SHN. They include Jody Beers Survey Technician, Rodney Thurston Planning and Permitting Specialist, and Aaron Lloyd Survey Technician.

## Retaining Wall Saves Restaurant



Early in the morning on Super Bowl Sunday, a portion of the hillside behind Sapphires Mongolian Grill on US Highway 101 in North Bend, Oregon, came sliding towards the restaurant building.

In preparation for this event, the restaurant owner, Eugene Hill, retained SHN to evaluate and design a solution to protect his business from an existing slide that had originated on a neighboring parcel in early 2007. SHN’s geosciences group determined that the high risk of continued debris flow required construction of a debris flow retaining wall. Constructed this last fall, SHN’s wall design withstood the impact of the recent rapidly moving slide and deflected the debris material safely away from the building. Mr. Hill stated, “If I hadn’t had this wall, the slide would have hit the building big time! I am pleased with the wall and my engineers at SHN”.



Constructed in October of 2007 by Johnson Rock Products out of Coos Bay, Oregon, the debris flow retaining wall is a Hilfiker welded wire wall backfilled with rock (also known as a mechanically stabilized embankment). Hilfiker Retaining Walls (Eureka, CA) designed and patented the Welded Wire Wall in the early 1970’s and has since supplied over 7,000 projects throughout the United States, Alaska, Canada, Hawaii, Africa, Indonesia, Siberia, and South America.

### Message from Jeff Nelson, CEO:

Our recent merger with Seinturier & Associates greatly expands our ability to serve civil engineering and surveying clients in the Redding area. Trent Seinturier, John Sharrah, Rodney Thurston, Aaron Lloyd, and Jody Beers joined the Redding staff and are already hard at work notifying clients and offering the combined services of SHN-Seinturier. The move enhances services for both SHN and Seinturier clients; SHN offers environmental, geosciences, planning and permitting, and related support services not previously available to Seinturier clients, and the Seinturier group expands our capabilities in civil engineering and surveying.

Trent Seinturier also brings an additional level of management expertise to the Redding region, and as of February 1st, serves as our new Survey Services Director, leaving Tom Herman to focus his talents as Willits Regional Manager. In addition, John Sharrah, long time and well respected civil engineer in the Redding area, brings 48 years of project management skills and familiarity with the northeastern California area.

We look forward to the energy and opportunities Seinturier and Associates brings to SHN.

## Jay Goldfarb joins the SHN Survey Team



**Eureka, CA** — SHN Consulting Engineers & Geologists, Inc. has added a new surveyor. Jay Goldfarb is a licensed Professional Land Surveyor and will head the survey department for the Eureka office.

Mr. Goldfarb comes to Humboldt County from Santa Cruz, where he worked for a private consulting firm. He has worked as a surveyor for private companies and academia since 1971, and has conducted surveys in diverse locations, from Prudhoe Bay in Alaska to the Everglades. He has been a geodetic software consultant and has been a leader in developing surveying software. He co-founded and provided technical leadership in a joint venture established to perform high-precision, close-range photogrammetric surveys for oilfield applications. He served as reviewer for the *American Society of Civil Engineering Journal of Surveying*. He developed curriculums and materials for and taught university courses in least squares estimation, Geographic Information Systems (GIS), photogrammetry, geodesy, and field surveying.

Mr. Goldfarb has an M.Sc. Degree in Surveying Engineering from the University of Calgary and a B.S. in Surveying and Photogrammetry from Cal State Fresno, and has completed all requirements for a Ph.D. in Geomatics Engineering.

“We are very excited to have Jay join our Survey Team”, says Tom Herman, Willits Regional Manager. “His broad experience with the rapidly expanding field of surveying and GIS/GPS will contribute to SHN’s technical repertoire, which will help us provide the best possible service for our clients.”

## Ken Kellogg joins SHN

**Eureka, CA** — SHN Consulting Engineers & Geologists, Inc. proudly announces the addition of Ken Kellogg, Ph.D. to its civil engineering team. Dr. Kellogg is a civil engineer, emphasizing in structural analysis. He comes to SHN from the Oregon Institute of Technology (OIT) in Klamath Falls, Oregon, where he was a professor in the Department of Civil Engineering and Geomatics. While at OIT, he taught structural design courses, earthquake engineering, construction management, cost estimating, and construction scheduling.

Dr. Kellogg received his Ph.D. in Medical Engineering, and a Masters of Science in Civil/Structural Engineering from Utah State University, and his Bachelors in Civil Engineering from North Dakota State University. .

Dr. Kellogg has more than 26 years of experience in various engineering applications, including structural civil, design, especially pertaining to horizontal and vertical foundation alignment, and bridge inspections. His expertise includes preliminary and final design of bridges, and coordination with local, state, and federal agencies, especially in environmentally sensitive areas. He has been instrumental in securing state and federal funding for municipalities.

“We are a learning organization, and having a professor on our team really boosts our capabilities,” says John Aveggio, Principal Engineer and Civil Engineering Service Director. “We’ve been hunting for an experienced, technologically savvy engineer and project manager for this office for quite some time. Ken’s structural engineering background will be a terrific asset to SHN as we expand services and address many of our community’s infrastructure challenges over the next few years.”



## Redding Office News...

350 Hartnell Avenue, Suite B  
Redding, CA 96002  
530-221-5424 n FX 530-221-0135



**From Mark Chaney, Regional Manager:** *The end of 2007 and the new year have seen a flurry of activity with our recent merger of Seinturier and Associates. This is a time of great opportunity for the Redding office to expand into additional private development work, offering clients a wider range of services. I look forward to working with our new staff members, learning from their experiences, and enhancing services to our clients.*

## Coos Bay Office News...

275 Market Avenue  
Coos Bay, OR 97420  
541-266-9890 n FX 541-266-9496



**From Steve Donovan, Regional Manager:** *Ongoing projects include WSD WWTP Improvements, Butte Falls WWTP Improvements, Jordan Cove Energy Resource Reports, Oak Hill Sanitary District Wastewater Master Plan, Matson Creek Mitigation, Loeb State Park Emergency Drainfield Repair, and Geotechnical Investigation for Coos Bay Toyota along with Crow/Clay and Associates.*



SHN's Coos Bay Office recently installed an outfall as part of the Methane Energy Corporation's Coos County Coal Bed Methane project. Methane Energy Corp., an Oregon-based exploration company is involved in the exploration for natural gas contained in the coal bed seams of the Coos Bay Basin. The outfall and a permit to discharge clean ground water is an essential step in the Company's plan to recover coal bed methane (CBM) from Coos County well fields. The outfall was installed by directional drilling into the Davis Slough channel and will convey groundwater purified to meet estuary discharge requirements. The purification will take clean saline ground water and remove trace amounts of copper from 10 ppb to under 3.0 ppb using an ultra-filtration/ion-exchange treatment process.

Ms. Margaret Halferty, Methane Energy's Environmental Manager says "SHN was instrumental in MEC's permit and outfall construction process. They successfully addressed several permit hurdles and provided an effective outfall design". This discharge permit represents the first CBM permit issued by the Oregon DEQ.

## Eureka Office News...

812 W. Wabash Avenue  
Eureka, CA 95501  
707-441-8855 n FX 707-441-8877



**KINS** *From Greg Williston:* SHN Eureka continues with the informational series of radio spots on KINS News Talk 980 am Radio. The previous weeks earthquakes are listed for your general knowledge and to raise awareness of the seismically active area in which we live. Tune into KINS on Monday afternoon between 4 and 5 for Talk Shop and Tuesday mornings at 6:09, 6:54, 7:34 and 8:15 to catch up on local news and weather and your SHN Earthquake Information Report.

**From Fred Charles:** Congratulations go to Aimee Weber, Eureka and Steve Donovan, Coos Bay for a job well done in paving the way for additional work on the Jordan Cove Project (Coos Bay). Aimee, along with our new wildlife biologist, Greg Schmidt, are preparing for field work and evaluation to assess biological resources in part of the bay as required by FERC. SHN's role in the Jordan Cove Project was given a boost last year when the Oregon Department of State Lands approved our wetland delineation without a site visit—our work was completed to the satisfaction of an agency that rigorously regulates wetlands!

**Mark Schmidt** heads SHN's industrial hygiene department out of our Eureka office. Not only does Mark provide certified asbestos and lead surveys, but he has successfully completed several interesting and diverse projects including microbial and indoor air quality assessments, occupational exposure assessments, health and safety programs, and community noise studies. Mark has recently worked on projects for the US Coast Guard, Eureka City Hall, a superfund site, Del Norte Unified School District, The Nature Conservancy, a hospital and even a dental lab. Utilizing the SHN's state of the art testing instruments Mark gathers and interprets highly specialized, technical data to best serve an increasingly wide range of client needs.



**SHN's Annual Open House where SHN and clients meet informally.**

## Willits Office News...

493 S. Main Street  
Willits, CA 95490  
707-459-4518 n FX 707-459-1884



**From Tom Herman, Regional Manager:** The fall and early winter has been very busy at SHN's Willits office. Early fall had everyone hustling around completing or winterizing projects. By the time the holidays were upon us we realized that we had a large multi-regional project with a deliverable in early January that we needed to prepare for. Through it all we enjoyed the holidays and visited with our families and friends. With many ongoing projects underway and new and exciting projects waiting for us in the near future, we look forward to a rewarding new year.



We are pleased to welcome Donald Cornell to our staff as the Environmental Department Head in our Willits office. Mr. Cornell has 6 years experience as an Environmental Geologist. He has supported RCRA/CERCLA site investigations, risk assessments, feasibility studies, and corrective measures studies in many capacities including; fate and transport modeling; 3-D geologic and containment distribution modeling; data collection, analysis, visualization; and remedial design.

Mr. Cornell has been involved in business development and proposal writing for Web/Database and custom ArcGIS applications. He has led a team of geospatial analysts and developers to provide clients with technical solutions for data/spatial data management and custom web and GIS application. He also was the lead GIS analyst responsible for the development of standards and coordination of figure projection for many different types of reports.

Mr. Cornell hails from Ohio where he earned his Master's Degree at Kent State. He is 40-hour Hazardous Waste Operations Certified. "We are very excited to have Don on the SHN team. His broad environmental and geology expertise, particularly as it relates to site investigation issues, makes him a tremendous asset to our Willits Region Environmental Services Department and will help us provide the best possible service for our clients." says Environmental Services Director, Mike Foget.



Along with working on the Ridgewood Project, Angie Herman also serves on the Ridgewood T.R.A.I.L. Rides Board. T.R.A.I.L. (Teaching Riding as an Access to Independence and Learning) is a therapeutic riding program providing riding services to improve the lives of those who are challenged physically, mentally, socially, and emotionally. Therapeutic riding is a passive form of riding where the rider reacts to the three-dimensional rhythmic movement of the horse. This is a unique and holistic approach to therapy, rehabilitation and recreations.



**CONSULTING ENGINEERS & GEOLOGISTS, INC.**  
350 Hartnell Ave., Suite B, Redding, CA 96002-1875

## FEBRUARY 2008 NEWSLETTER

*Client Focused Solutions*

### HR CORNER

SHN would like to thank the following employees for their dedication, service and commitment:

#### Happy November/ December/January Anniversaries!

Pat Barsanti, 28 years	Greg Williston, 11 years
Arnie Herskovic, 11 years	Mark Juring, 9 years
Gary Simpson, 9 years	Roland Rueber, 7 years
Chris Newell, 7 years	Mark Chaney, 8 years
Erik Nielson, 5 years	Keri Pryor, 6 years
“JB” Gerald Barringer, 5 years	Noël Bush, 5 years
Angie Herman, 5 years	Diana Franceschini 5 years
Matt Herman, 5 years	Tom Herman, 5 years
Dale Roper, 4 years	Brian Freeman, 2 + years
Peter Dunn, 2 years	Jonathan Largent, 2 years
Kelly Streich, 2 years	John Allardice, 1 year

#### A Welcome to SHN's New Employees

Gregory Schmidt, Env.Sci/Fish & Wildlife, Eureka  
Laurie Carroll, Administration., Redding  
Trenton Seinturier, Survey Services Director, Redding  
John Sharrah, Senior Engineer, Redding  
Jody Beers, Survey Tech, Redding  
Rodney Thurston, Planning & Permitting Specialist, Redding  
Aaron Lloyd, Survey Tech, Redding

### ACHIEVEMENTS

#### **Todd Becker - Geologist in Training**

Congratulations Todd for your hard work. Passing this test makes you more valuable to the SHN team and we are proud of you.

#### **Jeff Sheldon - Land Surveyor in Training**

Congratulations Jeff you did it on the first attempt! This is a big step toward his goal to become a Professional Land Surveyor.

#### **John Allardice - Certification w/Caltrans Hot Mix Asphalt Mix Designs**

This has been a major undertaking for John and has opened the door for the Eureka Lab to vastly increase the services that SHN provides.

#### **Joe Aufdermaur - Certification as "Reinforced Concrete Special Inspector"**

Special inspections are a mandatory requirement of the Building Code. Special inspectors must be qualified and approved by the building official under Chapter 17 of the International Building Code and California Code. These certifications are the best way to ensure that qualified people are working on your projects. Congratulations Joe .

#### **"Campus Consulting Geotechnical Engineer"**

SHN's Geology/Geotechnical Division has been appointed to serve as "Campus Consulting Geotechnical Engineer for Humboldt State University" by the Board of Trustees of the California State University.