

ADDENDUM TO THE JANUARY 2003 ISSUE OF THE GROUNDHOG NEWSLETTER ASCE SEATTLE SECTION GEOTECHNICAL GROUP

A small group of geotechnical firms were not timely in preparing their submittals to the editor of the January 2003 issue of the Groundhog newsletter. Information that was subsequently submitted by these area firms in late February 2003 is provided in this addendum.

AMEC

Two professionals have joined the Kirkland office of the international engineering firm AMEC, bolstering the company's materials testing and marketing expertise. Additionally, geologist **Keith Schrembs**, a 13-year employee, has been named manager of the Tacoma office. The newcomers are **Tyler McCormick**, new materials testing manager for Washington operations, and **Leslie Donley**, marketing coordinator.

Schrembs joined AMEC after receiving a bachelor's degree in Geology from Whitman College in Walla Walla in 1989, and has been involved in projects that include commercial structures, roads, bridges, pipelines, municipal waste disposal projects, and geologic hazards. He is a registered professional geologist and a member of the Association of Engineering Geologists and the American Institute of Professional Geologists.

McCormick recently relocated from Farmington, New Mexico where he had managed AMEC's materials testing since 1998. McCormick has worked for AMEC since 1989 and is experienced in laboratory and field testing of soils, concrete, and asphalt and with field logging of test holes and monitoring well installations for geotechnical and environmental projects. He has a Civil Engineering Technology Diploma from Saskatchewan Institute of Applied Science and Technology.

Donley's experience includes the past 7 years in Washington as marketing coordinator for architectural and engineering firms. She has bachelors degrees from California State University in Fresno and a public relations program certificate from the University of Washington.

Associated Earth Sciences, Inc.

Associated Earth Sciences, Inc. (AESI) has seen many organization changes over the past six months. **Gary Flowers** has been appointed President of AESI. Mr. Flowers has been providing geological consulting services throughout the Northwest for the past 30 years. Mr. Flowers will also manage the daily operations of AESI's environmental department.

Ronald Parker has been appointed Chief Operating Officer and will manage the daily activities of the firm. Mr. Parker has also been the recipient of the Alumni Achievement Award from the Geosciences Department of Western Michigan University.

Kurt Merriman has been promoted to principal geotechnical engineer. Mr. Merriman's experience covers both public and private sector projects, including education, municipal, commercial, health care, and housing developments. Mr. Merriman's educational project experience includes over 150 new and modernization school projects for 35 school districts in King, Snohomish, Pierce, and Thurston Counties.

AESI has 55 employees and provides consulting services in the earth sciences, with departments in geotechnical engineering, geology, hydrogeology, biology and environmental sciences.

CIVILTECH CORPORATION

2002 was a good year for CivilTech. We completed several interesting projects, and started several new ones that will keep us busy in 2003 and beyond. Our completed geotechnical projects included Pacific and Kirkland pump stations for King County, I-5/Ash Way and SR522/NE 195th HOV access projects for Sound Transit, Galer Street Slide Repair for SeaTran, 148th Street Improvements for City of Bellevue, SR5/2nd Street Bridge Replacement for WSDOT, Harris Creek and Cedar Mountain bridges for King County, and SeaTac Central Terminal Rehabilitation for the Port of Seattle. We also designed many shoring systems including one for the football field-size North Creek wastewater facility of King County.

New geotechnical projects for 2003 include the Brightwater Conveyance System project for King County Wastewater Division, the D755 light rail segment for Sound Transit, 1st NE Transfer Station for King County Solid Waste Division, and Landsburg Fish Passage Facilities construction phase for the Seattle Water Department.

CivilTech continues to provide geotechnical and construction services as well as geotechnical software. Our geotechnical software section did very well in 2002, both in off-the-shelf software and in custom programming. We recently developed two database programs for CDM's Brightwater team, and a dam operation program for the US Army Corps of Engineers in California. Our AllPile software now handles vertical, lateral (COM624), and group pile analysis, and our updated LiquefyPro program incorporates the recommendation procedures for SP117 Implementation.

GROUND SUPPORT

Ground Support has been providing its usual suite of design services in the past year, including soil nail walls, anchored walls (soldier pile, secant pile, soil-mixed wall, jet-grouted), reticulated micropile walls, cantilevered walls, internally-braced and rakered walls, various proprietary wall systems, reinforced fill walls and slopes, and specialty foundation systems (pinpiles, micropiles). Most of the projects consisted of complete design packages, construction drawing sets, and specifications.

Within the last three months, we have executed approximately 20 projects, including:

- A 40,000 ft² permanent anchored retaining wall for the Alaska DOT.
- Several temporary soil nail walls in the 15,000 to 30,000 ft² range in northern California and Washington.
- Several temporary and permanent micropile projects in Washington.
- Temporary anchored soldier pile walls in the Seattle area, including underpinning of adjacent buildings.
- Several internally braced soldier pile and secant pile ring wall structures for temporary shoring in the Seattle area.

KRAZAN & ASSOCIATES

Krazan & Associates continues to provide a wide range of site development services across the

Western United States. Our four Northwest offices, which serve Western Washington and Oregon, have remained quite busy during the past year. Despite the downturn in the local economy, we have continued to see significant growth in the demand for our geotechnical, environmental, and special inspection services.

In order to keep up with the demand for our services, we have bolstered our engineering staff in the past year. **Wesley Johnson**, staff engineer in our Poulsbo office, just received notification of a passing score on his Principals of Practice exam. Congratulations Wes! With the addition of **Todd Parkington** last March, we currently have five registered professional engineers in the State of Washington. Additionally, our staff geologists have been busy getting registered and we now have five Washington registered geologists on board.

MILBOR-PITA & ASSOCIATES

Milbor-Pita & Associates, Inc. celebrated its 8th year in business by moving to a Woodinville address. We added **Carol Ravano** as a staff engineer and **Kelly Hibler** as bookkeeper & office manager. Our staff continues to provide our clients with geotechnical and tunnel engineering services throughout the Western USA and sometimes beyond. Our projects range from traditional geotechnical studies, to design drawings and specifications for A/Es, to the leading of design/construct teams for geotechnically-oriented projects. The firm currently has projects in Washington, Utah, New Mexico, Arizona, and California.

Both **Frank Pita** & **Gerry Millar** prepared and presented technical papers during 2002 at conferences and for smaller group meetings. The subjects were slope stability/maintenance and tunnel rehabilitation, respectively.

The prospects for 2003 look good as long as our traditional clients are successful in their work. As a result, we are cautiously optimistic about the future.

URS CORPORATION

URS has now fully integrated partner firms Dames & Moore and Woodward Clyde Consultants into the organization, and has more recently acquired EG&G to expand its federal services activities. **Dr. Kris Fabian**, with help from **Craig Christian** and **Dolan McMillan**, has been expanding our sediment management services, with dredging projects in Ontario for DOW Chemical and in Washington associated with removal of dams on the Elwha River. **Cecil Urlich** has been coordinating our Program Management support to King County Metro for the Brightwater Project and is consulting to Red Dog Mine in Alaska regarding a tailings dam raise. **Dr. Charles Vita** has played a key role in assisting the EPA with cleanup of contaminated mine tailings in the Coeur D'Alene River Basin in Idaho, providing probabilistic analyses and design tools. **Rik Langendoen** is serving in a similar role representing the owner for handling of tailings at the Holden Mine near Chelan. **Dan Hawk** and **Greg Landau** are expanding their portfolio of cut-off walls for controlling contamination migration with two site remediation projects in the south Seattle industrial district, while **Koorus Tahghighi** has been coordinating the closure and capping of a paper company site in Oregon. **Calum Buchan** together with **Balin Strickler** and **Colin Turnbull** have been providing assistance to Skagit County in evaluating and retaining slide-affected roadways, and in expanding and upgrading the Phillips 66 and Shell refineries to the north. **Dr. C.B. Crouse** together with **Juan Carlos Ramirez** are continuously working on LNG terminal and offshore projects around the world. **Dick Clark** and **Zanna Satterwhite** have been monitoring construction work during expansion of the Fred Hutchinson

Cancer Research Center campus, with dewatering assistance from **Roy Elliott** and **Vance Atkins**. **Dr. Sri Rajah** has been addressing plant upgrades at Kimberly Clark in Everett and has also been busy designing retaining walls for landslide control. **Dr. Robert Burk** is providing senior oversight for geologic/geotechnical aspects of the new Elwha wastewater treatment plants. **Bob Wallace** and his team including **Ian Sutton**, **Arturo Ortiz** and **Chris Castro** have been working on landfill expansions and/or closures for King County and the County of Maui. **Joe Lamont** enters his 53rd year of geotechnical service, specializing in litigation support in semi-retirement and serving as the company local historian. URS continues its commitment to community service as **Dr. Marty McCabe** provides pro-bono services to low income housing developer Common Ground and others for a variety of projects intended to serve the homeless and low income population of the region.