SAME Sacramento Post Awards
Record Level Scholarships

By Guy Graening, Brown and Caldwell, SAME Board of Directors and Chair of the Scholarship Committee

On May 16, 2013 at a special evening dinner ceremony, the Sacramento Post of the Society of American Military Engineers (SAME) awarded 32 scholarships totaling $45,000 to local high school, community college, and college students from the area or attending schools in the Sacramento Region. SAME scholarships are awarded annually to students who are studying engineering or related technical disciplines, including computer science, environmental studies, architecture, math, or the physical sciences. Individual scholarships vary from $1,000 to $4,000 for college students and from $1,000 to $2,000 for high school students.

The 15 high school awardees and the schools they are graduating from are: Meilaina Brink (Union HS); Lloyd Chen (Laguna Creek HS); Megan Dickson (Bella Vista HS); Ryan Dutra (Bella Vista HS); Shelby Ganzert (El Dorado HS); Cheyanne Harris (Pleasant Grove HS); Katy Ho (Sheldon HS); Corinna Jacobs (Oak Ridge HS); Jennifer Morgan (Vista del Lago HS); Tyler Myers (South Lake Tahoe HS); Wes Okuhara (McClatchy HS); Austin Rossi (Colfax HS); David Ta (McClatchy HS); Ellen Tiedemann (El Dorado HS); and Ashlyn Wanlas (Vanden HS).

This year’s 17 college awardees and the schools they are attending are: Joseph Beckett (Folsom Lake College); Roger Blum

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This outstanding group of applicants represented a rich diversity in backgrounds, geography, accomplishments, contributions to their communities, and educational pursuits. SAME scholarships are competitive and are based on the following criteria: academic performance; references; academic/professional goals; extracurricular and volunteer activities; community service activities; previous or active military service or ROTC membership, if any; a statement of why the applicant should be considered for the award; and other comments or justification to assist in the selection process, such as special challenges the applicant has had to overcome or school or community awards.

The Sacramento Post Scholarship program has grown tremendously in recent years, increasing the total cash value of all scholarships in 8 of the last 10 years. This notable contribution to the development of young engineers and scientists has resulted in widespread recognition for the organization as well as a solid influx of young members. In just the last 6 years alone, the Sacramento Post has awarded $227,000 in scholarships to 154 deserving area students. Current plans are for a similar robust Post scholarship program in 2014.

The 2013 Post Scholarship Committee consists of Dave Bieber, GEOCON; Dave Zuber, Brown and Caldwell; Guy Graening, Brown and Caldwell (chair); Wendy Linck, Antea Group; Carl Lang, USACE (ret.), and Steve Crane, ITSI.

Join the ‘SAME Southwest Region Group’ on LinkedIn to get the latest updates on SAME as well as connect with other SAME members in your area. The Southwest Region includes eight Posts and associated Field and Student Chapters throughout California and Nevada.
Young Member’s Experience at JETC

By Colby Ann Conrad, Joint Federal Project Sacramento District US Army Corps of Engineers SPK Office

The 2013 SAME Joint Engineering Training Conference (JETC) was the first national conference I have attended and I enjoyed learning more about how SAME serves for its communities. I first attended the Committee Meeting for Outreach & Mentoring Programs. I received a wealth of information on the efforts SAME Chapters are putting into the Young Member Council, the College Outreach Committee, the Engineering & Construction Camps, and insight into the SAME Fellow nomination process. That evening was the Mentoring Event and Ice Breaker. Both were great places to watch others reconnect, network, and just relax. I even ran into people I knew from deployment and childhood.

The following day began with a keynote speaker, Mr. Ira Winkler, CISSP, President, Internet Security Advisors Group. Mr. Winkler was entertaining and informative of just how easy it can be for people to retrieve information from your business' network and/or database. The afternoon session held several different educational workshop options. I chose to attend the Improving Project Delivery through Effective Teams and Lean Concepts Workshop because these techniques are being considered at the project where I work. I was appreciative that the speakers were able to provide a base of knowledge to help me understand what Lean Concepts are.

On my last day at the JETC, I had the privilege of hearing LTG (ret) Van Antwerp speak on Leadership and Mentoring for Military Engineers. He is a great motivator and public speaker. Listening to LTG Van Antwerp was a great high note to end my JETC experience.

Before I finish, I must admit that I had the most fun collecting the "swag" from each vendor's booth. How can anyone pass up a new pen, flashlight, bag, stress ball, USB port, etc.? I definitely left San Diego with a heavier suitcase than I came with. I would like to share my gratitude to the SAME Sacramento Chapter for sponsoring me and giving me a chance to attend the Joint Engineering Training Conference. I can't wait to go next year.
Runway Construction Presentation at Travis AFB

By 1LT Luke Johanson, ASAP, SAME Travis AFB Representative

At least once a year, the Sacramento Post tries to hold General Meetings at both Travis Air Force Base and Beale Air Force Base. Travis Air Force Base hosted the meeting on April 25th. Approximately fifty attendees listened to 1st Lt Ryan Hill, the 60th Civil Engineer Squadron Pavements Engineer, give a presentation on the recently completed runway construction project at Travis. During his presentation, he discussed the history of the airfield, an overview of the project, some highlights of the construction effort, and the newly constructed Landing Zone.

Over the years, the airfield has received several small fixes and repairs to the various pavement features, which has in turn created a “patchwork quilt” of concrete and hot mix asphalt, as shown in the picture below. Prior to the start of the runway repair project, there were 174 different pavement features. After the completion of the project, there were only 16 pavement features, resulting in a much more manageable and sustainable piece of infrastructure.

This was the first large scale concrete runway construction project completed by Baldi Brothers. They employed two on-site batch plants, which produced over 75,000 cubic yards of concrete. One of the more impressive construction highlights was when they placed 5,000 cubic yards in one day. The Landing Zone was placed in 45’ wide lanes over a period of just four short days. Another notable highlight of the project was their ability to recycle previously demolished pavement. They were able to recycle approximately 140,000 tons of concrete. This effort not only helped to save taxpayer dollars, it also helped aid the preservation of the environment, as well.

The purpose of the landing zone is to provide realistic training for combat landings. It will also enable aircrews to train locally rather than to fly to Washington, saving an estimated $7.3 million per year in fuel costs. In just 2.5 years, the $68 million project will have paid for itself. Other military installations also will use the landing zone for training.
The California State University, Sacramento (CSUS) SAME Student Chapter held two events in the month of April. The first being the Schilling Robotics manufacturing plant tour in Davis, CA, and the second being the Evening with Professionals (EWP) held on the Sac State campus.

Jason Gutierrez, the Vice-President of the club, scheduled and coordinated the Schilling tour, having a total of 15 CSUS engineering students in attendance. He gave them an introduction to SAME, since the majority of them had never heard of SAME, and the benefits of joining the organization. Once at the manufacturing plant, Senior Mechanical Engineer gave a brief presentation about Schilling in their conference room where he talked about some of the engineering challenges they face. They then split into two groups, each with an engineer guide, and walked through the manufacturing facility. Fortunately, they were in the middle of functional tests of one of their top-of-the-line hydraulic robotic arms. They also had three remotely operated underwater vehicles (ROVs) in various stages of construction and the guides were very informative. Overall, there was lots of positive feedback from those on the tour as well as interest in other SAME events.

The EWP turned out to be a success despite the slow beginning. As with previous EWPs, COL (ret.) Mike Conrad recruited the PEs, who volunteered their time and gave advice to the students in attendance. A special thank you goes out to Jaqueline Steiner, who stayed after the conclusion of the event to speak with several of the engineering students about herself and the journey she’s taken to be where she is in her career.

We would like to thank the following Professional Engineers who attended the event:

- Civil (Environmental): Garrett Weiss (Cal EPA), Doug Christensen (URS)
- Civil (Geotechnical): Jeremy Zorne, Steve Sanders, Thomas Smith
- Civil (Water Resources): Chris Ferrari (Wood Rodgers)
- Civil (USACE): Jaqueline Steiner, Kristina Mullins
- Mechanical (Thermal and Fluid Systems): Hugh Graciano (URS)
- Electrical (Electrical Design): Long Hoang (Stantec)

The student chapter has been active for the last year and a half at Sac State. A few students have showed interest in becoming student chapter officers for the upcoming academic year, but none have been officially selected. Each current officer plans to keep in touch with the club to ensure its continuation on campus and within the community.
Established during Fall 2012, the SAME Northern Nevada Field Chapter is hosted/sponsored by the SAME Sacramento Post. Membership is a relatively uniform mix of public- and private-sector professionals, including uniformed representatives from the NV ANG/ARNG and NAS Fallon and includes both individual and sustaining company/agency members.

The Chapter holds bi-monthly Board meetings, with General meetings occurring on alternating months. General meeting speakers/topics to-date have included COL Leady, SAME Sacramento Post Past President, Ms. Katy Simon, ICMA (Washoe County Manager), Ms. Vida Wright, P.E., F.SAME (SAME - Past, Present and Future) and Mr. Rob Schleef, SOC Marketing Manager, HWAD. During March 2013, the Chapter coordinated a field tour with CDR Jeff Dryden and Mr. Zip Upham of NAS Fallon (see photo following). The tour represented a great opportunity for members and tour attendees to hear about NAS Fallon’s mission, its impact on the Northern Nevada economy and national security importance.

The Chapter is advancing student membership through UNR’s Engineering Department and continues to develop upcoming General Meeting speakers/topics and tours; potentially including UNR’s Seismological Lab, ARkStorm@Tahoe project/USGS Pacific Region, Nevada Army/Air Guard facilities, US Ordnance, and others. The Chapter is also coordinating a local Wounded Warrior Project fundraising event with a local business that should prove to be a blast – stay tuned for more information. Contact Ken Greene/Chapter President or Curt Chapman/Chapter Vice President with questions, comments or how you can help.

Officer Members: Ken Greene, CH2M HILL, President, ken.greene@ch2m.com; Curt Chapman, Vice-President, curt.chapman@stantec.com; Josh Fortmann, Kleinfelder, Treasurer, jfortmann@kleinfelder.com; Lisa Huffman, AMEC, Secretary, lisa.huffman@amec.com.

Directors: Mark Gookin, AMEC, Membership, mark.gookin@amec.com; Curt Chapman, Stantec, Leadership/Mentoring, curt.chapman@stantec.com; VACANT, Programs; Brian Janes, Atkins, Emergency Preparedness, brian.janes@atkinsglobal.com; Brian Wacker, Wood Rodgers, Special Recognitions, bwacker@WoodRodgers.com.
The SAME Sacramento Post conference committee has substantially completed the planning, and the 2013 Major Project Conference is now open for registrations. This is the biggest event of the year for the SAME Sacramento Post and is expected to draw 400 attendees. All who are stakeholders in the major projects and programs that are benefiting the greater Sacramento Region and beyond including design professionals, construction specialists, academia, members of the military, government professionals and officials, and members of the public should plan on attending.

Speakers

Many policy makers and program leaders have shown support for the conference by agreeing to commit their time and speak at the conference. Speakers expected to participate 2013 conference include:

- Dr. Gerald Meral, Deputy Secretary, CA Natural Resources Agency
- Mr. Malcolm Dougherty, Director, California Department of Transportation
- Mr. Mark Cowin, Director, CA Department of Water Resources
- Mr. Tim Quinn, Executive Director, Association of California Water Agencies
- Mr. David Murrillo, Director Pacific Region, US Bureau of Reclamation
- Mr. Dan Richard, Chair, California High Speed Rail Authority
- Dr. Jeffrey Michael, Director of the Business Forecasting Center, University of the Pacific
- Mr. Joseph F. Calcara, South Pacific Division, USACE. (Invited)

Other confirmed and invited speakers include members of USACE, USBR, Department of Veterans Affairs, US Navy, Sacramento Regional Transit, FEMA, CA Dept Water Resources and industry speakers.

All speakers are subject to schedule conflicts and restrictions. Travel restrictions are affecting conference planning. Speaker updates will be posted as available.

Business Opportunities Forum

If you attend the SAME Sacramento Post Sustaining Members Forum you will want to attend this conference. SAME will present an all day discussion on business opportunities on the last day of the conference. Only conference attendees are invited to the business opportunities forum. Speakers expected for the business opportunities forum include:

- COL Mike Farrell, Sacramento District Commander, USACE
- COL Kim Colloton, Los Angeles District Commander, USACE
- LTC John Baker, San Francisco District Commander, USACE

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2013 Major Projects Conference (cont.)

Mr. Brent Felker, Program Director, California High-Speed Rail Authority

Brig. General Vince Saroni, Air Force Civil Engineer Center

CAPT Medved, Marine Corps Installations (MCI) West, NAVFAC

Mr. Kevin Maxson, Chief, Engineering and Facilities Management, VISN 21, Department of Veterans Affairs

COL Steve Beuthe, Director, Facilities and Engineering, California Army National Guard

Mr. Gordon Enas, California Department of Water Resources

Other agencies have been invited and this list will be updated. Again, speakers are subject to schedule conflicts and restrictions.

Sponsorships and Exhibitors

Substantial opportunities are available for sponsorship of SAME and to showcase your company. Exhibit space, the plenary speakers, lunch, and breaks will all be located in the main conference room. Sponsorship opportunities include:

- Platinum Sponsor (extra large exhibit space and generous benefits)
- Gold Sponsor (large central exhibit space and benefits)
- Silver Sponsor (exhibit space and benefits)
- Exhibitor (exhibit space)
- Bronze Sponsor (benefits, limited to small businesses)
- Generals House (unique opportunity)

Aerospace Museum (unique opportunity)

Please review the additional information on sponsorships on the SAME Sacramento Post web site and make your selection. The number of sponsorships available is strictly limited.

Conference Location and Facilities Description

The SAME Sacramento Post 2013 California Major Projects Conference will take place at the McClellan Conference Center at 5411 Luce Ave, Sacramento (McClellan), CA The hotel for the conference is the Lion’s Gate Hotel, nearby, at 3410 Westover Street. The hotel affords a beautiful Private Club atmosphere. Amenities for those using the hotel include Family and Specialty Suites, an Olympic sized pool, gorgeous grounds, private jogging trail, and a private chapel. The facilities are located approximately 10 miles northeast of downtown Sacramento.

Lion’s Gate Hotel will be after hours “headquarters” for conference attendees.

SAME Sacramento Post has arranged for a conference special rate of $84/night (single bed). To book your room at this rate, please
contact the hotel directly at 866-258-5651 and select Option 1 for Reservations and Option 1 again for groups. Indicate to the reservation specialist that your Group is Society of American Military Engineers and you access code is SAME. The hotel will provide free van service to and from the Sacramento Airport and conference events.

**Networking and Social Events**

Attendees and only attendees are invited to two evening events. Start-off the conference with a social evening at the former General’s House! Perfect for locals and for those staying at the hotel. Tuesday night will be “A Night at the Aerospace Museum”. Share your knowledge and insights of the aeronautical exhibits with business associates.

**Something for Everyone**

Conference planning is ongoing and there will be something for everyone. For example participation of students and field chapters is being planned. Whether your needs are training/PDH units, partnering with other agencies, or exposure for your company, it all will be available at the 2013 Major Projects Conference.

For questions please contact the conference chair Mr. David O. Cook, PE, PMP, (530) 558-5697, cook931@me.com.

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**Save the Date for the PNW Regional Conference**

Mark your calendars for the Pacific Northwest SAME Regional Conference. “Exploring New Horizons” is the theme for this SAME Pacific Northwest (PNW) Regional Conference. Our PNW sister Posts are well into the development stages for their SAME Regional Conference. The conference is scheduled for November 3rd – 6th, 2014 at the DoubleTree Hotel in Portland, Oregon. The Sacramento Post website will provide a link to this conference once additional information is available.
The Military Engineer July August 2013 - Design and Construction of a Mega-Project

By Maj. Rob Dion Jr., P.E., PMP, MSAME, USA

A phased design-bid-build approach to deliver a new auxiliary spillway outside Sacramento enables USACE to regain in-house proficiency in dam construction while saving the project time and money.

Having endured five major flood events in the past 65 years, few, if any metropolitan areas in the nation face as high a flood risk as Sacramento, Calif. A major project underway just outside the city aspires to reduce that risk significantly. While its last flood event occurred in 1997, Sacramento is believed to be past due for the next one. Over the last 20 years, numerous studies have helped develop solutions to reduce the danger for California’s capital, including multiple recommendations to modify Folsom Dam.

One of these recommendations was authorized by Congress through the Water Resources Development Act of 1999 and the Energy and Water Development Appropriations Act of 2006.

Located approximately 25-mi northeast of downtown Sacramento, the Joint Federal Project (JFP) auxiliary spillway is a joint effort between the U.S. Army Corps of Engineers (USACE) and the U.S. Department of the Interior, Bureau of Reclamation (Reclamation). USACE’s objective through JFP is flood risk reduction to the Sacramento area; Reclamation’s objective is to safely pass the Probable Maximum Flood at Folsom Dam, which previous flood events have shown needs additional release capacity. A joint construction project of this scale is the first of its kind—and it allows the government to complete such a monumental project faster and cheaper than if done separately.

The primary benefit from JFP, identified as one of USACE’s initial Mega-Projects in January 2012, will be new spillway gates located 50-ft lower than the main dam’s gates. This will allow water in the reservoir to be released earlier during a flood event. That, in turn, will enable operators to lower the water elevation in the reservoir if a flood event is coming, and create extra storage capacity to contain significant in-flows. The additional gates also allow dam operators to release more water during a flood event. The combined potential release ca-

A rendering of the completed auxiliary spillway shows the spillway gates located below the main Folsom Dam. By the gates being built approximately 50-ft lower than the dam, water can now be released earlier if a known flood event is coming.

IMAGE COURTESY USACE SACRAMENTO DISTRICT
The capacity of Folsom Dam will increase from 557,000-ft³/sec to 870,000-ft³/sec, ensuring the dam can pass the Probable Maximum Flood.

**Phased Design-Bid-Build**

The auxiliary spillway is being constructed in five phases. This differs from traditional design-bid-build, where the design is completed before work on the project starts. By sequencing the project into different phases, the team can complete individual phases and the project as quickly as possible, helping to reduce Sacramento's risk of flooding. JFP five phases are: 1) initial spillway excavation; 2) final spillway excavation; 3) construction of control structure with six submerged tainter gates; 4) excavation of a 1,100-ft long approach channel and construction of a 3,000-ft-long concrete-lined spillway chute and stilling basin; and 5) site restoration and overall commissioning. In total, the project will excavate more than 3.8-million-yd³ of material and place 250,000-yd³ of concrete.

The first two phases were designed and completed by Reclamation. The remaining three phases are being designed by USACE, with contributions from Reclamation. Looking at the timeline for the design and construction of Phases 3 and 4, the benefits of beginning construction before the overall design is complete can be seen. Phase 3 design of the control structure was completed and awarded in September 2010. Construction on this phase began in January 2011 and is scheduled to finish in March 2015.

As construction started on Phase 3, the design team was at work on Phase 4. Design on Phase 4 was completed in December 2012, and the contract was awarded in May 2013, with a scheduled completion date of May 2017. More than two years were saved by sequencing the design and construction into multiple phases.

**Utilizing In-House Design**

USACE and Reclamation decided early that the design for the auxiliary spillway would be done in-house. Industry trends have moved more towards a design-build approach with construction projects; however, the spillway was the perfect type of project to regain proficiency within USACE in dam construction.
The last concrete gravity dam designed by USACE Sacramento District was the main Folsom Dam, which was completed in May 1956. Completing the design in-house allows USACE employees to gain valuable design experience on a major civil works project. The district sought out experts from across the agency to ensure the project was designed to the highest standards. Sacramento District used staff from 16 USACE districts in the design and review of the project. This allowed other districts to benefit from the project and increase dam design competency all around. The architect-engineer community also was involved to address specialized technical topics and provide additional resource capacity to meet the design schedule.

In January 2012, Sacramento District started the process to create a new project-based organization within the district and led by a GS-15 who manages the project and is empowered to make quick decisions. The new organization has both engineering and construction staff reporting directly to the JFP Director. This solution was the direct result of a typical matrix organization structure on a large project where a project manager, typically a GS-13, is in charge of the overall project team and leads the engineering and construction teams, which are also led by GS-13s. The problem with this arrangement is the project managers have a lot of responsibility but limited control of the different sections. Bringing in a GS-15 and aligning all employees working directly on the project under this position dramatically improved communication and decision-making.

The location where USACE employees worked also changed. Mobile office trailers were placed at the construction site. Most of the engineering, construction and project management staff are now co-located on-site with the contractor. This significantly reduces the time it takes to review submittals and allows meetings to take place in person, helping facilitate open and timely dialogue.

**Innovative Solutions**

The approach channel walls that connect to the control structure are located between a major four-lane road on one side and the Left Wing Dam of the Folsom Dam on the other. This constrained environment made the design of the approach channel walls challenging. Typically, a counterfort or mass concrete wall would be designed to meet the requirements of the project. However, with the approach channel walls being 100-ft tall, the walls would have required a base of approximately 65-ft in order to meet all of the design loads. The amount of additional excavation required to build these walls was not available on site without a significant increase in construction time and cost. Instead, the design team opted to use post-tensioned rock anchors to stabilize the approach channel walls. This decision required approval from HQ USACE, which the district received, ultimately saving the project both time and cost.

To help secure the approach channel walls, approximately 90 anchors of 3-in diameter will be used. These anchors will have a minimum bonded length of 15-ft into the rock and will be encapsulated by a corrugated sheathing and
Design and Construction of a Mega-Project (cont.)

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3,000-lbs/in² grout. All anchors will be extended to the concrete surface and post-tensioned. Extending the anchors to the surface will allow for future lift-off tests in order to ensure the proper tension is maintained throughout the life of the project.

Looking Ahead

The auxiliary spillway is scheduled to be complete by October 2017—just 10 years after the Phase 1 construction contract was awarded. All of the major design work is complete and the district’s attention can now focus on the construction phases.

In summer 2013, two major construction contracts will be occurring on the same job site. USACE Sacramento District’s new JFP organization is fully functional, and ready and able to handle this challenge and any others that may yet arise.

Maj. Rob Dion Jr., P.E., PMP, M.SAME, USA, is Deputy Chief, JFP Engineer Office, USACE Sacramento District; robert.dion@us.army.mil.

SAME Southwest Region and Sacramento Post leaders (from left to right) Sharol Moore, Vida Wright, Mike O’Hagan, Dave Cook, COL Bill Leady, Margie Namba, and Steven Herrera present COL Leady with an award for his support and service to the Sacramento Post at USACE Sacramento’s Change Of Command Ceremony on 10 July 2013 in Sacramento, CA. The Post also presented COL Leady with a certificate of appreciation from SAME National HQ in thanks for his service as Post President for 2010-2012.
Sacramento Post April 2013 Membership Report

Membership was stable with a shift from individual to company memberships with the totals shown below. Waiting for the new official baseline will come from National.

Sacramento Post membership roster as of July 3, 2013 was as follows:

**Individual Members:** 202 (increase of 2)
- **Public Sector Individual Members:** 93

**Company and Agency Representatives:** 479 (increase of 11)
- **Public Agency Representatives:** 14

**Total Members:** 681 (increase of 13)
- **Total Public Sector Membership:** 107

**Student Members:** 73

**Sustaining Companies and Agencies**
The post as of July 2013 with a drop of 1 to 113 sustaining companies and agencies.

**Representative Members (REP)**
We currently have 479 REP members relative to the baseline for the year of 464.

**Individual Members**
The individual membership has a baseline of 213. Total individual membership now stands at 202, up 2 from last month.

**Membership Streamer**
January starts a new baseline, which is a total of 691 total members and we are at 681, an increase of 13 for the month. Encouraging sustaining member firms to fill the total 5 slots that each firm has to bring overall numbers back to 691 by December 2013.

**Student and Faculty Members**
We have 73 student members and 3 faculty members in the database.

See next page for the current list of sustaining member firms.

The Sacramento Post appreciates the support from all our Individual Members and Sustaining Member Firms!

Those individuals or firms interested in becoming SAME members can contact Sacramento Post Membership Chair, Jonathan Revolinsky at jonathan.revolinsky@usace.army.mil. For information on types of available SAME memberships, please visit: http://www.same.org/
The current list of sustaining member firms is:

AECOM
AHTNA Engineering Services, LLC
Ahtna Government Services Corp.
Alta Vista Solutions, Inc
AMEC
Andregg Geomatics
ARCADIS/Malcolm Pirnie
Atkins
Battelle
Bay West, Inc.
Black & Veatch Special Projects Corp.
Blackburn Consulting
Blaine Tech Services, Inc.
Brown and Caldwell
Burneson Consulting Inc.
Burns & McDonnell
CA. Department of Water Resources (new this month)
Cabrera Services, Inc.
Cardno ENTRIX
Cardno TBE
CDM Smith
CH2MHILL
City Light and Power, Inc
Collins Engineers Inc.
Dewberry
DI Aggregate Management, LLC
ECC
ECORP Consulting Inc.
Element Engineering
EM-Assist
Engineering/Remediation Resources Group (ERRG)
Environcon, Inc.
Environmental Resources Management (ERM)
ESA
FMJ Marketing
Forsgren Associates, Inc.
Fugro Consultants Inc.
Gannett Fleming Inc.
Genterra Consultants, Inc.
Geocon, Inc.
GeoEngineers, Inc.
GHD, Inc
Granite Construction Company
Hammel, Green, and Abrahamson, Inc.
Hatch Mott MacDonald
HDR
HNTB
Howe Electrical Construction, Inc.
HydroGeoLogic Inc.
ICF International
ITSI Gilbane
J. M. Waller Associates, Inc. (new this month)
Jacobs
JF Jones Company
Kennedy/Jenks Consultants
Kiewit
Kleinfelder
Magnetar US, Inc.
Magnus Pacific Corporation
Marsh Creek LLC
Martin Brothers Construction
Mead & Hunt, Inc.
MGE Engineering, Inc.
Michael Baker Corporation
Miyamoto International
MWH
Nichols Consulting Engineers
Ninyo & Moore
Nordic Industries Inc.
Northgate Environmental Management, Inc.
Pacific States Environmental Contractors, Inc.
Parsons
Parsons Brinckerhoff
PHA, Inc. Design-Build
PIKA International
Psomas
Quest GeoSystems Management, Inc.
Ramsey North, Inc
Robert Heinen Consulting Engineers
Rolf Jensen & Associates
ROKE, Inc.
SAGE Engineers, Inc.
Schweitzer Engineering Labs
Science Applications International Corp.
Shannon & Wilson Inc.
Site Work Solutions, Inc.
Spectrum Services Group, Inc.
Stanley Consultants Inc.
Stantec, Inc.
Suulutaaq, Inc.
Swinerton Builders Government
Taber Consultants
Tepa, LLC
TerraneaRPMC, LLC
Terraphase Engineering, Inc.
Tetra Tech, Inc.
The Dutra Group
The Louis Berger Group, Inc.
The Shaw Group, Inc.
The Stahl Companies, Inc.
The Westmark Group
Towill, Inc.
Tri-Technic, Inc.
Trihydro Corporation
Turn-Key Construction Services, Inc.
URS Corporation
Versar
Vista Environmental Consulting, Inc.
WEST Consultants, Inc.
Westervelt Ecological Services
Weston Solutions, Inc.
Whitney-Stone, Inc.
Wildlands
Woodward Drilling Company, Inc.
Woolpert, Inc.
Yerba Buena Engineering & Construction Inc.

For any questions or comments about the newsletter, please call Nathan Rockwood at 916-971-3961 or email at nathan.rockwood@meadhunt.com