the Green Mountain Civil Report

http://sections.asce.org/vermont

www.asce.org **May 2007** 1-800-548-ASCE

2006/2007 ASCE Meeting Schedule

May 23, 2007 VTASCE Meeting

Topic: Presentation and site tour of the Waterbury Dam Project

Location: Waterbury, VT

May Meeting Announcement

Waterbury Dam Problems, Repairs, and Planning

VTASCE/SEAVT meeting
Date: Wednesday, May 23, 2007
Time: 3:00 pm to ~8:00 pm

DINNER PRESENTATION:

Mr. Finucane will discuss problems, repairs and planning for the remediation of the Waterbury Dam in Waterbury, VT.

Speaker: Bob Finucane, P.E.

Times: Site Tour 3:30 pm – 4:30 pm
Social Gathering 5:00 – 6:00 pm
Dinner: 6:00 – 7:00 pm
Presentation: 7:00 pm

Location: Michael's on the Hill in Waterbury, VT

Cost: $35.00, $15.00/student

Reservations: Contact Shawn Kelley for RSVP

Email: skelley@geodesign.net

Phone: 802-674-2033 x 209

Fax: 802-674-5943

RSVP Deadline: by May 16, 2007

Directions: Michael's on the Hill is only 5 minutes from Interstate 89! From Interstate 89, take Exit 10, and follow Route 100 North for approximately 4 miles to Waterbury Center. It is a big white farmhouse set on a hill on the right.

VT ASCE Section News

VTASCE EXPRESSES ITS SINCERE CONDOLENSES TO THE STAFF AND STUDENTS AT VIRGINIA TECH

VTASCE has donated $600 to the three memorial funds that were set up in remembrance of those who were lost from the Civil and Environmental Engineering Department at the Virginia Polytechnic Institute and State University (VirginiaTech) during last month's tragic campus shooting. This donation is above and beyond the National ASCE Board of Direction approved amount of $50,000 to the three memorial funds.

The CEE Department has established 3 memorial funds, as follows:

- The G V Loganathan Memorial Fund
- The CEE Advanced Hydrology Class 4-16-07 Student Memorial Fund

The memorial funds for G.V. Loganathan and the CEE Advanced Hydrology Class will be used for travel expenses for families of the victims, burial expenses as needed, incidental needs of the families, or un-recovered medical expenses of victims. Any funds remaining after these needs have been met will be deposited into the VT CEE Memorial Education Fund.

The VT CEE Memorial Education Fund

The Via Department of Civil and Environmental Engineering (CEE) at Virginia Tech has been tragically impacted through the loss of our faculty colleague, Dr. G.V. Loganathan, as well as eight of our students. In these dark times we must positively move forward in ways that will honor the memory and the lives of our colleagues.

Our purpose as an institution of higher learning and specifically as civil engineers is to creatively apply knowledge to enhance human welfare and the environment. Within that spirit we have chosen to establish The Virginia Tech Civil and Environmental Engineering Memorial Education Fund. This fund will be used to provide scholarships and fellowships for students. It will also create special programs, learning opportunities, and outreach efforts, all for the purpose of furthering education within the civil engineering profession. In doing so we will focus not only on technical issues but also the qualities that uphold and uplift the positive human spirit that so characterized those whom we have lost.

For further information about these funds please go to http://www.cee.vt.edu/ and click on CEE memorial funds.

VTASCE IS LOOKING FOR: THE FEW, THE PROUD, THE NEW VTASCE BOARD OF DIRECTORS!

VTASCE is seeking energetic civil engineers who would like to become more actively involved in their society. You will have the opportunity to network with other Civil Engineers in VT, to practice your public speaking skills, and to share your knowledge of Civil Engineering with others.

We are currently seeking nominees for President-Elect, Treasurer, Secretary, Newsletter Editor, and Webmaster for the 2007-2008 term. You can nominate yourself to a position. The term limits are May 2007 through May 2008.

If you are interested in becoming involved with a terrific organization that supports Civil Engineering in your state, please contact Shawn P. Kelley at skelley@geodesign.net or call 802-674-2033 x 209 today!

RENEW YOUR ASCE MEMBERSHIP

Renew your 2007 ASCE membership if you have not already done so.

Three Easy Ways to Renew Your Membership:

- Use your 2007 renewal form,
- Go online, using your online account with User ID and password. If you don't yet have a User ID and Password, please create a member account using your last name and ASCE member ID,
- Call Member Services at (800) 548-ASCE (2723) or (703) 295-6300 between the hours of 8:30 a.m.-6:00 p.m. ET, Monday-Friday.

If you are not currently a member, please contact: Shawn Kelley at 802-674-2033 x 209 or at skelley@geodesign.net for membership materials. You may also contact Curtis Nunley at cnunley@asce.org.

ASCE VT SECTION FUND RAISERS

I. COMPANY ADVERTISMENTS

Show your support for ASCE and post your company logo and business card in our newsletter.

Please send your advertisement to our Secretary and Newsletter Editor, Shawn P. Kelley. It should include your company logo (.jpeg or .tiff) and a business card.

II. JOB POSTING ADVERTISMENTS

Please send your advertisement to our Secretary and Newsletter Editor, Shawn P. Kelley. It should include your company logo (.jpeg or .tiff), the text for the advertisement, and a business card (for the Company Advertisement section).

III. DO YOU HAVE AN OLD CELL PHONE?????

Consider donating your old cell phone to the ASCE VT SECTION. We will take your phone and turn it into cash and use it for our ASCE VT Section. Please contact Shawn Kelley at Geo**Design**,802-674-2033x209.

UPDATE YOUR CONTACT INFORMATION

The Vermont Section of ASCE depends on its membership to update their member information with ASCE National. Please make sure ASCE has your latest contact information by calling 1-800-548-ASCE (2723) or visiting www.asce.myprofile.org to update your record.

Civil Engineering Companies/Univ./Societies in Vermont: News and Announcements

STANTEC ACQUIRES NYC FIRM

Stantec with offices in North Springfield and South Burlington, Vermont (former Dufresne-Henry acquisition last year) just recently added Vollmer Associates from New York City to the Stantec engineering/architecture professional services firm.

The designers of high-profile projects like the Columbus Circle Reconstruction in Manhattan and the light rail transit systems in Phoenix, Calgary, and Edmonton announced today that they have officially become one team. Stantec has completed the acquisition of Vollmer Associates LLP, a firm headquartered in New York City with approximately 600 employees. Vollmer provides engineering, architecture, planning, landscape architecture, and survey services focused on the transportation sector from offices throughout the northeastern United States.

"With the addition of Vollmer we have gained a solid base in the heart of New York City and significantly bolstered our operations throughout the eastern United States," says Tony Franceschini, Stantec President & CEO. "Our combined transportation practice places Stantec among the top transportation design firms in North America."

Stantec is an engineering/architecture professional services firm and, with the inclusion of Vollmer, has more than 6,500 employees and over 100 offices throughout North America. In 2006, Vollmer Associates' gross revenue was approximately US$80 million. Stantec's gross revenue in 2006 was C$816 million.

"We're excited to introduce our employees to the many tools and resources Stantec has to offer, which will help them better serve our clients," says Vollmer's Managing Partner Gerry Nielsten, who will continue with Stantec as a Senior Principal. "Operating as one team, we will be able to provide Stantec's global expertise and services in any of the areas we are currently operating and also bring to the table our own specialties, such as toll roads and major transit systems, to clients across North America."

All of Vollmer's 12 partners are continuing with Stantec, which now has about 70 offices in 26 states and more than 3,000 employees throughout the United States.

For more information visit
http://announcements.stantec.com/vollmer

SEAVT NEWS

SEAVT will be having a breakfast meeting on Tuesday May 8th at the Windjammer Inn & Conference Center in South Burlington, VT. The speaker will be Sergio Zoruba of AISC. We will be speaking about the very latest seismic design documents available for structural steel construction. He will also outline when such documents are required for design by the IBC 2006 model building code and offer an overview of the following:

2005 AISC Seismic Provisions - the first Seismic Provisions to combine ASD and LRFD into a unified format. You will be introduced to new design terms as well as design provisions for new systems including Buckling Restrained Braces and Steel Plate Shear Walls.

2005 AISC Seismic Design Manual - a newly developed resource to help the structural engineer apply the 2005 Seismic Provisions and 2005 Moment Frame Prequalified Connection Standard into his/her seismic design of structural steel.

2005 AISC Moment Frame Prequalified Connection Standard - the first national consensus standard to replace FEMA 350 for the design of moment frame prequalified connections. The Standard, which provides design requirements, design limitations and a design procedure for Reduced Beam Section and Bolted End Plate connections that apply to Special, Intermediate and Ordinary Moment Frames will be introduced in the presentation.

AISC is an approved provider of NY State Continuing Educational Credits and PDHs so attendees will receive NY State Continuing Education Credits or one PDH.

Registration will be from 7:45 am to 8:00 am with a continental breakfast to be served prior to the presentation which will be starting at 8:15 am and

last approximately one hour. Cost will be $10 for the meal and presentation. Please RSVP to Scott Burbank at scott.burbank@stantec.com or (802) 864-0223 by Friday May 4th.

OPTIONS FOR GIRLS – A UNIQUE LEARNING OPPORTUNITY

OPTIONS for Girls and *OPTIONS for High School Girls* are both residential learning camps that introduce girls in middle school and high school to the vast career opportunities that exist in the fields of engineering and computer science.

The components of the middle school program include mini-classes taught by both women professors and female engineering and computer science students. The participants stay nights in the residence halls and experience several fun opportunities including team building activities.

The OPTIONS for High School program features classes taught by engineering and computer science professors. Engineering and computer science students serve as counselors. Professional women engineers and computer scientists serve as mentors for this camp. Participants take tours of industry and shadow a female professional on the job.

More information as well as a link to printable applications is available at our web site: http://options.evansville.edu

If your company has any news you would like to share with other ASCE members, please submit your article to Shawn Kelley, VT Section Secretary and Newsletter Editor at skelley@geodesign.net.

Message from the Editor

The Green Mountain Civil Report is the newsletter of the Vermont Section of the American Society of Civil Engineers. This newsletter intends to keep you up-to-date on the activities of civil engineers around our state.

Please feel free to contact us with your announcements. We will include them in the newsletter. The newsletter is typically distributed via email, however if you would like a hard copy or if you are not receiving the E-Newsletter and would like to, please contact Shawn Kelley (President-Elect, Secretary and Newsletter Editor) at skelley@geodesign.net or any of the officers listed at the end of the newsletter.

ASCE National Information/News

ASCE PARTNERS WITH IBM, HISTORY CHANNEL TO CHALLENGE STUDENTS TO CREATE THE CITY OF THE FUTURE

ASCE partnered with IBM and The History Channel® to create a unique competition for engineering students. 'The City of the Future: A Design and Engineering Challenge' called on teams of engineering students to peer into the future and propose innovative engineering solutions that would sustain our cities in the 22nd Century. Several ASCE leaders served as judges for the competitions held in February and March in New York City, Chicago and Los Angeles. One juror, Craig Taylor of ASCE's Council on Disaster Risk Management observed, "It was heartwarming to see students apply such energy and intelligence to address formidable challenges that face us all and future generations." ASCE helped spread the word about the competition to universities. Pictured here are the New York metro area winners, students from New Jersey's Science & Technology University. Winning teams were named "IBM Engineers of the Future" and received $5000 from IBM, in addition to ThinkPads® for their schools.

KATRINA INVESTIGATION TEAM RELEASES FINAL REPORT VOLUMES

The Interagency Performance Evaluation Task Force (IPET) recently released final versions of five volumes in its nine-volume report on how the hurricane protection structures around New Orleans performed during Hurricane Katrina. Three of the final four volumes are expected to be released in the near future. The volume focusing on risk and reliability will be the last one to be released.

IPET was established by the chief of the U.S. Army Corps of Engineers and includes more than 150 nationally recognized experts from over 50 organizations. Each volume underwent peer review by the American Society of Civil Engineers (ASCE) and by the National Academies-National Research Council Committee on New Orleans Hurricane Protection Projects.

Final versions of Volumes II, IV, VI, VII, and XI are now available on the IPET website.

Download the IPET reports.

CONTINUING EDUCATION (SPRING/SUMMER 2007)

Detailed descriptions of the seminars (by title) are available on ASCE's website at www.asce.org/conted/seminars. If you have questions or need assistance, please contact Kelly Jarvis, Continuing Education Registrar at kjarvis@asce.org, or me at mcook@asce.org.

May 10-11, 2007 Boston, MA
Post Tensioning Construction & Design (Structural)

May 16-18, 2007 New York City Metro Area
Structural Vibration Analysis, Design and Troubleshooting (Structural)

May 17-18, 2007 Boston, MA
Construction Administration for Engineers (Construction)

May 23-25, 2007 New York City Metro Area
HEC-RAS Computer Workshop (Hydro/Hydraulics)

June 6-8, 2007 New York City Metro Area
Structural Design of Buildings and Industrial Facilities for Blast Loads and Accidental Chemical Explosions (Structural)

June 14-15, 2007 Jersey City, NJ
Liability of Engineers: How to Stay out of Trouble (Management)

June 21-22, 2007 Rochester, NY
Construction Contract Management (Construction)

June 28-29, 2007 Boston, MA
Designing High Performance Concrete Structures (Construction/Structural)

June 28-29, 2007 Portland, ME
Design of Buildings in Coastal Regions (Structural)

July 13, 2007 New York City Metro Area
Seismic Design of Liquid Storage Tanks (Structural/Geotechnical)

July 19-20, 2007 Boston, MA
Wetlands & 404 Permitting (Environmental)

July 26-27, 2007 **Burlington, VT**
Advanced Detention Routing: Improving the Operation & Effectiveness of Detention Facilities (Hydro/Hydraulics)

July 26-27, 2007 Portland, ME
Structural Renovation of Buildings (Structural)

August 23-24, 2007 Portland, ME
Strategic Planning, Valuation & Ownership Transitions for Engineering Firms (Management)

September 13-14, 2007 Albany, NY
Seismic Design of Highway Bridges (Structural)

September 13-14, 2007 Cape Cod, MA
Wind Loads for Buildings & Other Structures (Structural)

September 19-21, 2007 Portland, ME
Planning, Construction and Risk Management in Tunneling (Geotechnical)

September 20-21, 2007 Boston, MA
Leadership Development for the Engineer (Management)

September 20-21, 2007 Boston, MA
Design, Construction, and Renovation of Masonry Structures (Structural)

September 26-28, 2007 Boston, MA
Techniques for Pavement Rehabilitation (Transportation)

September 27-28, 2007 New York City Metro Area
Pipe and Pipeline Renewal (Geotechnical)

September 27-28, 2007 **Burlington, VT**
Probabilistic Methods in Geotechnical Engineers (Geotechnical)

CONTINUING EDUCATION WEBINARS (May 2007)

For more information on ASCE's webinars, go to
http://www.asce.org/conted/distancelearning/online_webseminars.cfm

May 3~Noon - 1:30 p.m. ET
Deterioration and Repair of Concrete
May 8~Noon - 1:30 p.m. ET
Tort Liability: The Civil Engineer's Role as a Witness, Part II
May 9~Noon - 1 p.m. ET
Leadership: Developing the Leader In You and Others, Part I
May 15~Noon - 1 p.m. ET
Understanding the Market for Engineering Services in Sustainable Development
May 16~Noon - 1 p.m. ET
Leadership: Developing the Leader In You and Others, Part II
May 22~Noon - 1 p.m. ET
Renovation of Masonry Facade
May 24~Noon - 1 p.m ET
Project Work Plans: Why and How?
May 30~Noon - 1 pm ET
The Engineers' Survival Kit - Tips for Moving Ahead and Keeping Your Head while Practicing the "Art" of Engineering
May 31 ~ Noon - 1:15 p.m. ET
Quality: What Is It and How Do We Achieve It

ASCE GOVERNMENT RELATIONS

KEY CONTACT PROGRAM

The ASCE Key Contact Program provides busy civil engineers with opportunities to get involved in public policy activities.

Joining is easy! Visit http://www.asce.org/govrel and click on "Key Contact Program" to complete the online registration form. Brochures and additional information materials are available to distribute at Section and Branch meetings and gatherings. Contact Leslie Nolen, ASCE's Senior Manager of Grassroots and State Government Relations, at lnolen@asce.org or 202-789-7846 for more information.

ASCE'S INTERNET ADVOCACY WEBSITE

(The new "Six Clicks" Advocacy Website - http://www.asce.org/advocacy.html)
An easy way to connect with your legislators to...

- Send your federal or state representative a message on current civil engineering legislation.
- Learn about issues and bills affecting civil engineering that are active in congress and your state legislature.
- Track how your U.S. Representative and Senators voted on key ASCE bills.

NATIONAL LEGISLATION/NEWS

ASCE provided expert testimony to congress this week regarding the use of innovative contracting methods in transportation construction.

Maria Lehman, P.E., F.ASCE, testified Tuesday before the House Transportation and Infrastructure Subcommittee on Highways and Transit about her experiences working for Chazen Companies, a private consulting engineering firm, and as public works director for Erie County, NY.

Lehman stressed the importance of maintaining Qualifications Based Selection procedures when securing engineering and architectural services for publicly funded projects.

The testimony is available on the Committee's website at http://transportation.house.gov under "Hearings". It will be available shortly on ASCE's website at http://www.asce.org/pressroom/publicpolicy/inside_congtest.cfm

Representatives Nydia Velasquez (D-NY) and David Reichert (R-WA) this week introduced legislation to provide legal protections for engineers and others who provide volunteer services following a declared emergency or disaster.

The Good Protection for Construction, Architecture, and Engineering Volunteers Act was introduced Thursday in the House of Representatives. Similar legislation was introduced in the 109th congress but was not passed. More than 20 states have similar laws that protect engineers providing pro bono services after a disaster, but no federal protection is in place. Consequently, civil engineers who volunteer their services are frequently subject to significantly higher insurance rates in jurisdictions where no Good Samaritan statute exists. This puts a damper on their willingness to contribute their time and expertise.

ASCE supports the legislation and will work with Reps. Velasquez and Reichert towards passage and enactment.

Full text of the legislation will be available shortly at http://thomas.loc.gov

VERMONT LEGISLATION/NEWS

Legislation:
HB 174
This bill proposes to require that dams receive permits of limited duration when they are constructed, enlarged, raised, lowered, remodeled, reconstructed, or otherwise altered. It proposes that dams found not to be in the public good are to be removed or breached.
Last Action: 1/30/07, In House Fish, Wildlife & Water Resources Committee

Burlington Free-Press 4/16/07 Article:

Twice in the past week, Rep. Richard Westman, R-Cambridge, sat before legislative colleagues explaining why the Transportation Committee that he chairs decided to recommend a new tax on gas guzzling vehicles. Westman said that both times the firestorm over proposed taxes has blinded most lawmakers and the public to the real issue -- the pressing needs in the state's transportation budget. Westman is making it his mission to raise awareness about the state's transportation crisis. He's quick to produce a spreadsheet that shows that the state ought to spend $153 million more than the $400 million lawmakers and the governor are likely to agree upon in the next few weeks. While the cost to catch up

on road, bridge and culvert maintenance is staggering, Westman said shrinking revenues compound the problem. The state pays for transportation projects with revenue from fuel taxes, the tax on the purchase of vehicles, and motor vehicle fees. With fuel prices on the rise, Vermonters are driving less and looking at more fuel-efficient vehicles. As a result, transportation fund revenues as of March were $3 million below the target set for this year. Westman describes his committee as frantic about the looming transportation crisis. After twice watching their tax proposals get shot down, he said, "We're running out of ideas."

Job Offerings

1)

Geotechnical Engineer

Geo**Design**, Inc. is seeking applicants for geotechnical engineering opportunities in VT and CT. Positions include internships and full-time assignments. Visit our website at www.geodesign.net for company contact information.

2)

Engineering Ventures, Inc.

Civil/Site and/or Structural Project Managers & Engineers

Progressive engineering firm seeks experienced, creative engineers to become part of a highly reputable, local and growing firm engaged in a wide range of high quality private and public design projects. Positions in Burlington, Vermont and Lebanon, NH. Submit letter of interest and resume to: trishd@engineeringventures.com or fax to 802-863-6306

3) Bath Iron Works
A GENERAL DYNAMICS COMPANY

Structural Engineer

Detailed Description of Work:

- Perform structural analysis of Naval Surface Combatant hull structure, equipment foundations and outfitting, utilizing Finite Element Analysis methods, as well as, traditional hand calculation techniques involving application of shipbuilding industry standards and requirements.
- Apply engineering judgment, experience, analytical skills, and applicable rules to complete structural trade studies and generate arrangements of structure for new ship design concepts.
- Complete engineering analysis support of manufacturing methods and tools for ship construction. Primary efforts center on; lifting and turning of ship units, ship support, as well as, jigs and fixtures used in the construction process.
- Participate in or lead technical interchanges on issues with customers such as U.S. Navy (NAVSEA and Supervisor of Shipbuilding), or others.

Qualifications for Position:

- BS in Structural, Civil, or Mechanical Engineering or equivalent required, MS preferred.
- Knowledge of U.S. Navy shipbuilding: SWBS organization, structural requirements (DDS), Engineering Change Proposal process preferred.
- Minimum of 5 plus years shipbuilding experience preferred.
- Demonstrated experience in Navy ship shock requirements preferred.
- Strong leadership and project management skills.
- Demonstrated knowledge of structural analysis methods, both traditional and hand calculation, as well as, FEA, especially with software tools, FEMAP, PATRAN, NASTRAN required.
- Strong technical writing and communication skills required.
- Ability to present effective and concise oral and written communications.
- Demonstrate personal time management capability.
- Able to receive U.S. Government DoD security clearance.
- Pay range commensurate with experience.

INSTRUCTIONS TO APPLICANTS

Please email cover letter and resume with job posting JPN912 in the subject: and stated in the cover letter to: employment@gdbiw.com

4)

Vermont * New Hampshire * Maine

CLD offers a competitive salary, top flight benefits, and a great work environment, full of opportunity, challenge and reward!

Interested candidates:
Contact Lisa King at
CLD Consulting Engineers, Inc.
540 Commercial Street,
Manchester, NH 03101
Or via e-mail to
lisak@cldengineers.com

EXPERIENCED PROFESSIONALS

We are seeking top-notch, talented candidates to fill a range of positions. Join a great team of dynamic professionals!

Norwich, Vermont:

- *LSS/PLS*
- *Civil/Site Engineer*
- *Survey/Cad Tech – Designer*

Manchester, NH:

- *Civil/Site Project Engineers/Managers*
- *Cad Technician/Graphics Technician*
- *Resident Engineers (PE or EIT level)*

www.cldengineers.com

CLD is an Equal Opportunity Employer

5) Central Vermont Public Service

ENVIRONMENTAL ENGINEER

CVPS, Vermont's largest electric utility, has an immediate opening for an Environmental Engineer at its Rutland location.

This individual will be responsible for assisting the Principal Environmental Engineer with a variety of civil projects and environmental compliance functions which include assessment or remediation of manufactured gas, substation and underground storage tank sites, coordinating with consultants and communicating with state and federal regulatory agencies as necessary; assisting with emergency spill responses and any follow-up remediation; supporting hydroelectric operation and maintenance operations; overseeing projects to assure all requirements are met or exceeded and issue summary reports; tracking the status of permitted (transmission/distribution) construction projects and maintain and update databases of permitted facilities; inspecting construction sites for compliance with permits conditions and conduct post-construction inspections.

The Environmental Engineer will work closely with other departments to introduce, develop, and implement new programs to improve ongoing Corporate Compliance efforts to include stormwater, solid waste and recycling programs. They will also assist Hazardous Materials Specialists with the operation of the Corporate Treatment, Storage and Disposal and the proper storage, shipment and disposal of hazardous and non-hazardous waste.

Successful candidates will have a Bachelors Degree in Environmental or Civil Engineering, successful completion of the Fundamentals of Engineering Exam and 2-5 years of experience.

CVPS seeks employees who want to be empowered to make decisions, take a "can-do" approach to their jobs, are life-long learners, and who maintain a clear customer focus and drive toward results. In exchange, we provide a supportive environment, competitive wages and a full spectrum of benefits.

Please refer to our web site for a more complete description of this position. Please forward your resume and a copy of our application, which is available at www.cvps.com, to:

Human Resources
Central Vermont Public Service
77 Grove St.
Rutland, VT 05701
Fax: 802-770-3258
Via email: resumes@cvps.com
EOE- Females and Minorities Encouraged to Apply

6)

CIVIL/ENVIRONMENTAL ENGINEER

The Rutland office of SVE Associates, a civil/survey engineering firm with offices in Brattleboro, Rutland and Norwich, Vermont, and Greenfield, MA and Keene, NH has an opening for a **Professional Civil/Environmental Engineer**. The applicant should have a State of Vermont Professional Engineering license (with an ANR's Designer License Compliance preferred) with experience in site and water/sewer/stormwater system design and a working familiarity with State of Vermont environmental regulations and their permitting process.

Interested candidates may submit a cover letter and resume to:

SVE Associates
Att'n: Michael H. Roberts, P.E.
69 Grove Street
Rutland, VT 05701
Telephone: (802) 775-1181
or mroberts@sveassoc.com

7)

CIVIL ENGINEER – Consulting engineering firm seeks civil engineer for Vermont offices. Professional Engineer License in Civil Engineering required. Project exposure may include water treatment and distribution, wastewater treatment and collection, site development, stormwater treatment and roadway design. Seeking an individual with solid technical background, common sense, a positive attitude and a good sense of humor. Must be able to manage projects, budgets and client contact.

Otter Creek Engineering is a growing consulting engineering firm with a solid reputation as committed professionals. Founded in 1998, the firm has grown to a staff of twenty in two Vermont offices. Our goal is controlled growth based on solid project backlog and financial stability. The firm's focus has been on design and construction review of a broad spectrum of water, wastewater, site development, stormwater, roadway, hydrogeology, and environmental remediation projects. We provide full services including topographic surveys, engineering design, permitting and funding assistance and construction phase services.

We offer a competitive salary and benefits including: payment of health insurance premiums, disability insurance, retirement plan, paid holidays, paid vacation, and a great work environment. Send resume and references to Otter Creek Engineering, Inc., P.O. Box 712, 404 East Main Street, East Middlebury VT 05740, or HR@OtterCrk.com.

8)

LEACH ENGINEERING CONSULTANTS

Project Engineer

Opportunity to live and work in the beautiful Northeast Kingdom of Vermont for a Civil Project Engineer experienced with water and wastewater facilities. Projects are primarily municipal located in Vermont, New Hampshire and Maine. This firm has developed long term relationships with clients by providing high quality service. Duties include: development of construction plans and specifications, preparation of engineering reports, evaluation of new and existing facilities, development of project scope and both engineering and construction cost estimates, working with other design team members (structural, electrical and mechanical), communication with clients, operators and regulators, and management of multiple projects. There is potential for professional growth in the firm and a casual atmosphere working with experienced staff. We offer competitive salary and benefits. Submit letter of interest and resume to: contact@leachengineeringvt.com.

9)

ENGINEERING OPPORTUNITIES

DuBois & King, Inc. is a multi-discipline consulting engineering firm with a forty-five year history of providing innovative, high-quality, professional consulting services. Our Williston, VT office location offers a great work environment minutes from Vermont's largest city. We are employee-owned, offer excellent benefits and a competitive salary.

We are currently seeking the following professionals for our expanding Building Services Division in our Williston office:

STRUCTURAL ENGINEER – a minimum of 5 to 10 years experience in design and construction of structural systems for commercial, industrial, institutional and municipal projects. P.E. and experience using structural engineering software required. LEED AP preferred.

ELECTRICAL ENGINEER – a minimum of 4 to 8 years experience in power supply and distribution and lighting design for commercial, residential, institutional and industrial projects. P.E. required. LEED AP preferred.

MECHANICAL ENGINEER – with demonstrated experience in the delivery of mechanical engineering services for residential, commercial, institutional and industrial projects. Commissioning a plus. PE required. LEED AP preferred.

If you are interested in applying for any position listed, please send resume to: DuBois & King, Inc., P.O. Box 339, Randolph, VT 05060 or e-mail cherlihy@dubois-king.com, or fax 802-728-4930.

Visit our website at www.dubois-king.com for more info on DuBois & King, Inc.

DUBOIS & KING IS AN EQUAL OPPORTUNITY EMPLOYER

END OF JOB OFFERINGS

If your company has any job openings, please submit them to Shawn Kelley, VT Section Secretary and Newsletter Editor at skelley@geodesign.net for posting.

Company Directory

GEODESIGN INCORPORATED

JOHN E. LENS, P.E.
Principal

GEOTECHNICAL ENGINEERS • ENVIRONMENTAL CONSULTANTS
54 MAIN STREET • POST OFFICE BOX 699
WINDSOR, VERMONT 05089-0699
TELEPHONE: 802.674.2033 • FACSIMILE: 802.674.5943
J.LENS@GEODESIGN.NET

ENGINEERING VENTURES INC

Structural & Site Engineering

Trish Densham
Administrative Systems Manager

trishd@engineeringventures.com
208 Flynn Avenue, Suite 2A, Burlington, VT 05401
tel. 802.863.6225 • fax 802.863.6306

THE Louis Berger Group, INC.

1001 Elm Street, Suite 203
Manchester, New Hampshire 03101
Tel 603 644 5200 ext 393
Fax 603 644 5220
Email dspaulding@louisberger.com
www.louisberger.com

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Vice President

SVE

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Surveying

SVE Associates
P.O. Box 1818
439 West River Road
Brattleboro, VT 05302

Peter R. Boemig, P.E., L.S.
Principal

Tel. 802 257-0561
Fax 802 257-0721
Cell 802 254-1522
pboemig@sveassoc.com
www.sveassoc.com

Joseph D. Guertin, P.E.
Senior Principal

GZA GeoEnvironmental, Inc.

54 Route 106
P.O. Box 29
North Springfield, VT 05150-0029

T: (802) 886-1516
F: (802) 886-2260
C: (508) 397-6935

jguertin@gza.com
www.gza.com

ECI
ENGINEERS CONSTRUCTION, INC

P.O. BOX 2187
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CONSULTING ENGINEERS

Scott A. Williams, PE
Project Engineer

scottw@cldengineers.com

The Curtis House
256 Route 5 South
Norwich, VT 05055

ph: (802) 649-1154 ext. 104
fx: (802) 649-1159
www.cldengineers.com

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36 EASTERN AVE., SUITE 6
ST. JOHNSBURY, VERMONT 05819

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Fax: 603.526.7499
swolf@contech-cpi.com

www.contech-cpi.com

Mark E. Miller
Director
Marketing & Business Development

28 North Main Street
P.O. Box 339
Randolph, VT 05060

Phone: (802) 728-3376
Fax: (802) 728-4930
E-mail: MMiller@dubois-king.com
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OTTER CREEK ENGINEERING, INC.

Peter DeGraff, PE
President

P.O. Box 712 • 404 East Main Street
East Middlebury, Vermont 05740
Tel: 802 • 382-8522 Fax: 382-8640
E-mail: DeGraff@OtterCrk.com

UPCOMING EVENTS

1) 7th International Symposium on Field Measurements in Geomechanics

The Geo-Institute of ASCE is pleased to present the 7th International Symposium on Field Measurements in Geomechanics. The conference will be held in at The Boston Park Plaza & Towers in Boston, MA during September 24-27, 2007. The 7th FMGM Conference is expected to draw experts and practitioners from every continent and more than 40 countries who work in infrastructure, construction, mining, petroleum, and the geoenvironmental fields.

2) PIPELINES 2007: BOSTON

The ASCE International Pipeline Conference 2007 is the ideal forum for attendees to increase their knowledge and connect with fellow pipeline professionals. The theme for this international event is Advancements & Experiences with Trenchless Pipeline Projects. The conference will highlight the evolution of trenchless products, processes, and projects, and emphasize

associated design, permitting and construction considerations.

For additional information and online abstract submission, please visit http://content.asce.org/conferences/pipelines2007/

3) 2007 Structures Congress

Registration is now open for the 2007 Structures Congress! The 2007 SEI Structures Congress is taking place May 16-19, 2007 in Long Beach, California. At the Congress, you'll be able to select from 9 concurrent tracks containing a variety of informative technical, business, and practice sessions. Register now to save $100 off the standard registration rate and $200 off the on-site fee. Visit www.structurescongress.org to view our session matrix, to find out more about Long Beach, and to register.

4) Environmental & Water Resources Institute Congress 2007

This congress has become an important annual opportunity for the best minds at work in water and environmental fields to convene and focus on topics of the day. In this era shifting coastlines, urban sprawl, raging storms, and extreme acts by humans and nature, it is imperative that those working on the front lines -at the environmental/water nexus- share insights from research and case studies in the field, to generate best practices for the future. EWRI invites your full participation!

Log on to http://content.asce.org/conferences/ewri2007/ for more information.

5) Coastal Sediments 07

Be sure to join us in New Orleans, May 13-17, 2007 for an international exchange of information among coastal engineers, geologists, marine scientists, shallow water oceanographers and others interested in the physical processes of coastal sediments transport and morphology change. For additional information visit us at: http://www.asce.org/conferences/cs07

6) ASCE NATIONAL CONFERENCE
November 1 – 3, 2007, ORLANDO, FL!

Save the Date! The biggest engineering conference of the year is ramping up. This year ASCE's theme is "Infrastructure for all Generations: Plan, Design, Build, Manage." To support this important event ASCE has many exciting technical sessions, symposiums and roundtables planned. Stimulating topics will range from Transportation and Rail, to Everglades-Building the System, and Shuttle Redesign. Then get ready for some fun, with thrilling tours of NASA and more. Stay tuned to ASCE's Web site and look for detailed information in June 2007.

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