

ALASKA CAPITAL ENGINEERS

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MAY EVENTS

Virtual Presentation with Peter
Kesser with Alchemco

Date: 5/12/2021

Time: 12:00pm

Place: WebEx

MESSAGE FROM BRANCH VICE PRESIDENT JANICE WELLS

Hello Alaska Capital Engineers,

Please join us on Wednesday, May 12th for a presentation from Alchemco about waterproofing concrete. This will be our last presentation until September 2021. Unfortunately, we will not be having our annual Halibut Feed this summer due to COVID.

Keep your eyes out for meeting details in September. We would love to resume in-person meetings, but are unsure at this time when we might be able to do that again. We are continuing to look for individuals interested in joining the Juneau Branch board for the 2021-2022 year. It does not matter if you are an EIT, PE, retired engineer, in the private or public sector, new to Juneau or have been here for many years. If you are interested, reach out via email or to one of our officers and we would be happy to talk to you.

Hope you all have a great summer and enjoy the sun we get!

Sincerely,

Janice Wells

Juneau Branch Vice President



Alchemco Presentation

Reinforced concrete is one of the most utilized building materials in the world. But in order for concrete structures to meet or exceed their full design life, they must be properly protected from the weather and other corrosive elements (*which are working every day to shorten that lifespan*).

Most of the waterproofing options available to architects & engineers, involve materials that are specifically designed to provide only 'short-term' protection. While many structures are designed to last at least 50 – 75 years, the materials used to protect those structures from the elements are designed to last a maximum of 5 – 10 years. Thereby, requiring that these protective materials be installed ... removed ... and reinstalled again; several times during the lifespan of the structure (*at great expense to the owners*).

The Biochemically Modified Silicate Technology provides true 'long-term' waterproofing protection (*for the design life of the structure*) after a single application. This spray-applied, integral waterproofing solution has been used to protect important structures around the world for over 40 years.

Please join our upcoming webinar to learn about this state-of-the-art waterproofing technology, and how it can provide you with a cost effective, long-term solution to your concrete waterproofing needs.

If you are unable to attend this presentation, it will be recorded and can be found on our website <http://branches.asce.org/juneau/home>.

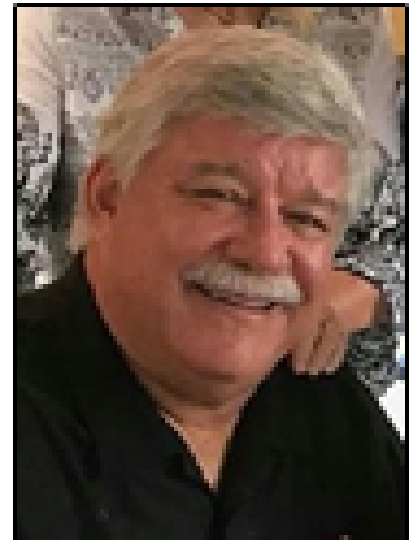
Speaker Bio

Peter Kesser, MBA

Mr. Kesser is the Global Vice President of Sales for Alchemco, an industry-leading manufacturer of concrete & masonry waterproofing systems. In this role, he serves as a member of Alchemco's senior management team, and is primarily responsible for strategic planning and global business development.

Prior to joining Alchemco, Mr. Kesser served 20+ years in a number of senior management positions within the construction materials industry, including: President of Dow Chemical's Roofing Division, President of J.P. Stevens Roofing Systems, Regional Business Manager for Firestone Building Products, and Strategic Marketing Consultant for W.R. Grace & Company, Inc.

He holds a M.B.A. Degree in Marketing from Butler University in Indianapolis. He has also served on the Board of Directors for several Construction Industry Associations



2021-2022 CALL FOR NOMINATIONS

DUE SEPTEMBER 31ST, 2021

It's TIME TO THINK ABOUT OUR HARD-WORKING FRIENDS AND COWORKERS! THE ASCE JUNEAU BRANCH IS LOOKING FOR NOMINATIONS TO FILL THE 2021-2022 SECRETARY POSITION. JOINING THE ASCE JUNEAU BRANCH BOARD IS A GREAT OPPORTUNITY TO BECOME MORE INVOLVED WITHIN THE ENGINEERING COMMUNITY IN JUNEAU. PLEASE CONSIDER NOMINATING SOMEONE WORKING IN ENGINEERING FOR THIS YEAR'S ELECTION. NOMINATION FORMS ARE POSTED ON THE ASCE JUNEAU BRANCH WEBSITE.

ASCE ALASKA SECTION, JUNEAU BRANCH 2021-2022 SECRETARY NOMINATIONS

REQUIREMENTS:

- THE NOMINEE SHALL BE A JUNEAU RESIDENT.
- THE NOMINEE SHALL BE WORKING IN THE FIELD OF ENGINEERING.

DREAM BIG, ENGINEERING OUR WORLD

All around the world, engineers are pushing the limits of ingenuity and innovation in unexpected, imaginative, and amazing ways. Dream Big: Engineering Our World, a giant-screen film about engineering, takes viewers on a journey of discovery from the world's tallest building to a bridge higher than the clouds. Along the way, the audiences witness how today's engineers are shaping the world of tomorrow.



MATH COUNTS

The Southeast MATHCOUNTS Chapter Invitational competition winners, held February 25, were 1st place Finn Lamb, 2nd place Dan Degener (Floyd Dryden Middle School), 3rd place Denali Schijvens (Home Bridge), and 4th place Mahi Bhatt (Dzantik'i Heeni Middle School). Finn, Dan, Denali, and Mahi were invited to attend and competed in the virtual State competition held on March 25. The top four mathletes from the State competition were Xiling E Tanner (Kenai Middle School), Xinlan A Tanner (Kenai Middle School), Ulysses Escobar (Stellar Secondary School in Fairbanks), and Wyatt Beardsley (Fairbanks BEST Homeschool). These four will compete in the National Competition to be held May 8-11 virtually.



The MATHCOUNTS Foundation is a 501(c)3 non-profit organization that reaches students in grades 6-8 in all US states and territories with extracurricular math programs. More than a quarter million students participate each year.

<https://www.mathcounts.org/>

For information on MATHCOUNTS in Juneau, or to volunteer, contact Doug Murray (dougmurray@pdceng.com)

HYDROGEN, THE FUEL THAT IS UNITING THE GLOBE



By Caroline Hayes.

April 19, 2021

In certain applications, hydrogen is a promising contender for a carbon-zero fuel. Which countries are leading the race for its implementation?

[Read More>>>](#)

INFORMATION SHORTS

PROFESSIONAL DEVELOPMENT HOURS

The ASCE Juneau Branch will provide electronic continuing education development hour certificates for those who are interested in tracking development hours received by attending the Alaska Capital Engineers presentations to hear speakers present on engineering topics. All virtual presentations will be recorded and posted on our website. Email the PDH phrase to events@alaskacapitalengineers.org to receive credit. Certificates can be found on the branch webpage:

<http://branches.asce.org/juneau/>

ASCE JUNEAU BRANCH WEBSITE

Bookmark this website for easy access to the PDH certificates, new and archived newsletters, contact information and much more: <http://branches.asce.org/Juneau/>

For questions or concerns regarding the Juneau Branch ASCE website, please contact Janice Wells.

ACCESSENGINEERING

Developed in partnership with McGraw-Hill Education, ASCE members now have FREE and unlimited usage of this award-winning engineering reference tool: www.asce.org/AccessEngineering

MEMBERSHIP AND RENEWAL

Thank you for your continued membership and support for ASCE and NSPE. Our professional organizations provide a great opportunity to network with other members of the engineering profession. Select the links below for society membership information.

[ASCE Membership Information](#)

[NSPE Membership Information](#)

2020-2021 ALASKA CAPITAL ENGINEERS OFFICERS

ASCE

President – Lucas Chambers, PE

Vice President – Janice Wells, PE

Treasurer – Micki Minsch, EIT

Secretary – Sean Kelly, EIT

Past President – Ethan Roemeling, PE

Emeritus – Matt McGuan, PE

Special Committees

School Outreach/STEM Coordinator - Please Volunteer

Dream Big Coordinator - Please Volunteer

ASPE - Alaska Society Contacts

Past President – Chris Miller, PE

President – Craig Blesdoe, PE

President Elect – Vacant

Secretary - Leora Houtary, PE

Treasurer – Iain McPherson, PE

NSPE House of Delegates - Brad Fristoe, PE

Anchorage Chapter Director – Craig Blesdoe, PE

Fairbanks Chapter Director - Frank Wuttig, PE

Juneau Chapter Director - Darrell Wetherall, PE



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All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, or protected veteran status and will not be discriminated against on the basis of disability.

Ongoing Recruitment

We always have room for more talent. If this position isn't the right one for you but you still feel like you'd be a great addition to our team, visit www.pdceng.com/open-positions and let us know what position you're interested in. We'll make sure your information gets into the right hands.



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Civil Engineer

Position Opening

PDC, a **RESPEC** Company, is seeking a civil design engineer to join our full-service engineering team! We design innovative world-class projects utilizing state-of-the-art technologies. Experience providing technical leadership within civil engineering and diversified knowledge of engineering practices is a must. This is a management position for utility and site design projects; a great career opportunity for a dynamic, energetic individual with proven technical and leadership skills.

Qualifications/Skills:

- B.S. in Civil or Engineering
- Alaska Professional Civil Engineer License, or ability to obtain within one year
- 5+ years' of cold regions experience
- AutoCAD & Civil 3D proficiency
- GIS experience is a plus
- Able to manage team and contracts on multiple projects concurrently
- Detail oriented & well organized with demonstrated ability to meet deadlines
- Strong verbal & written communication skills

Compensation: Salary DOE. We offer competitive pay, excellent benefits (healthcare, retirement, disability & life insurance, paid time off, 10-holidays/year) and advancement opportunities, continuing education, and professional societies. PDC, a division of RESPEC, is 100-percent employee-owned.

This position is available in our Fairbanks and Juneau office. Submit your cover letter and resume to PDC Engineers, Attn: Human Resources, PO Box 32723, Juneau, AK 99803 or at jobs@pdceng.com.

Interviews are by appointment only. Open until filled.

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PDC is an Equal Opportunity Employer

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, or protected veteran status and will not be discriminated against on the basis of disability.

Ongoing Recruitment

We always have room for more talent. If this position isn't the right one for you but you still feel like you'd be a great addition to our team, visit www.pdceng.com/open-positions and let us know what position you're interested in. We'll make sure your information gets into the right hands.



www.PDCENG.com

Professional Land Surveyor

Position Opening

PDC, a **RESPEC** Company, is seeking an experienced Professional Land Surveyor to join our full-service engineering team to lead and grow our Southeast Survey Department in Juneau, AK.

The successful candidate will be licensed as a Professional Land Surveyor (PLS) in the state of Alaska. Duties include establishing legal boundaries of properties, subdivision plats, Dept. Of Natural Resources plats (ASLS, ATS, Accretions). This position facilitates work for small to large projects and entails the ability to work on many type of survey works, collaborating with multi-discipline engineering staff, clients, and other invested individuals to review and coordinate findings; interprets survey data and calculates geodetic measurements to determine shapes, positions, and elevations of geomorphic and topographic features. Schedules, assigns, supervises work of survey parties, engages in collection, processing and mapping of survey data. Provides advanced professional, technical, day-to-day support, guidance, and input to staff and other team members. Prepares project submittals to ensure that project budgets are met and reviews each project upon completion for quality assurance.

Qualifications/Skills:

- Registered land surveyor in Alaska
- 5+ years of relevant work experience
- Proficient in Trimble Business Center and AutoCAD with Civil 3D desired
- Experience with GPS equipment, total station instruments, data collectors
- Boundary, control, Bathymetric, and topographic survey experience
- Thorough understanding of the principles, practices, and procedures of land surveying
- In depth knowledge of federal and state laws related to land surveying
- Excellent mathematical skills to conduct land survey analysis
- Strong verbal & written communication skills
- Ability to work on multiple projects concurrently and meet deadlines

Compensation: Salary depends on experience. We offer competitive pay, excellent benefits (healthcare, retirement, disability & life insurance, paid time off, 8-holidays/year) and advancement opportunities, continuing education, and professional societies. We are 100-percent employee-owned.

Submit your resume to PDC Engineers, Attn: Human Resources,
PO Box 32723, Juneau, AK 99803 or at jobs@pdceng.com.

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The City & Borough of Juneau, Alaska
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This recruitment will be used to fill 2 vacancies in the Engineering Division.

The level at which the selected applicant is appointed will be based on the applicant's qualifications and other job related requirements.

Vacancy #1 - Management of planning, design and construction projects specifically associated with city road reconstruction, water, wastewater and storm water utility infrastructure improvements, and recreation facilities such as playgrounds, sport fields and trails.

Vacancy #2 - Management of planning, design and construction projects specifically associated with renovation and new construction of city facilities including libraries, fire stations, medical facilities, recreational facilities, and schools

Apply at:
<https://juneau.org/human-resources>

Questions?
Dallas Hargrave
HRRM Director
Dallas.Hargrave@juneau.org
907-586-0225

This announcement remains open until filled.

Location: The City and Borough of Juneau (CBJ) is the major population and economic center in southeastern Alaska and the capital of the state.

The City is located in an extremely beautiful setting on Alaska's Inside Passage, surrounded by tree-covered mountains in the middle of the largest temperate rain forest in North America.

The CBJ encompasses an area of 3600 square miles, has a population of approximately 32,500, and possesses numerous recreational opportunities for the adventurous. Juneau is on the marine highway system and is only accessible by air or ferry.

Department: The Engineering and Public Works Department Engineering Division offers a wide variety of services including planning, design, and construction of the municipal capital improvement projects for civic buildings, schools, parks, streets, & a wide variety of public facilities. The Division has 23 employees, ten of which are in the Capital Project unit and are responsible for management of \$10-20 million in capital improvement projects annually.

Applicants:

The successful candidate will have strong knowledge and experience in building design, construction and project management. The successful candidate will possess a wide range of skills including contract negotiation, project budgeting, cost estimating, and construction inspection. Strong communication skills, both written and oral, and attention to detail are essential traits of the successful applicant. The applicant should also be comfortable leading meetings, maintaining effective working relationships with government agencies, client departments, contractors and consultants, resolving conflict and building consensus where there are differing opinions, responding to public inquiry about projects, and presenting project information in a public forum. A Bachelor's Degree from an accredited college or university in Engineering, Architecture or Construction Management, or a closely related field is desired. Applicants should have a minimum of two years experience in engineering, construction, or architecture. Registration as a Professional Engineer or Architect is highly desirable but not required.

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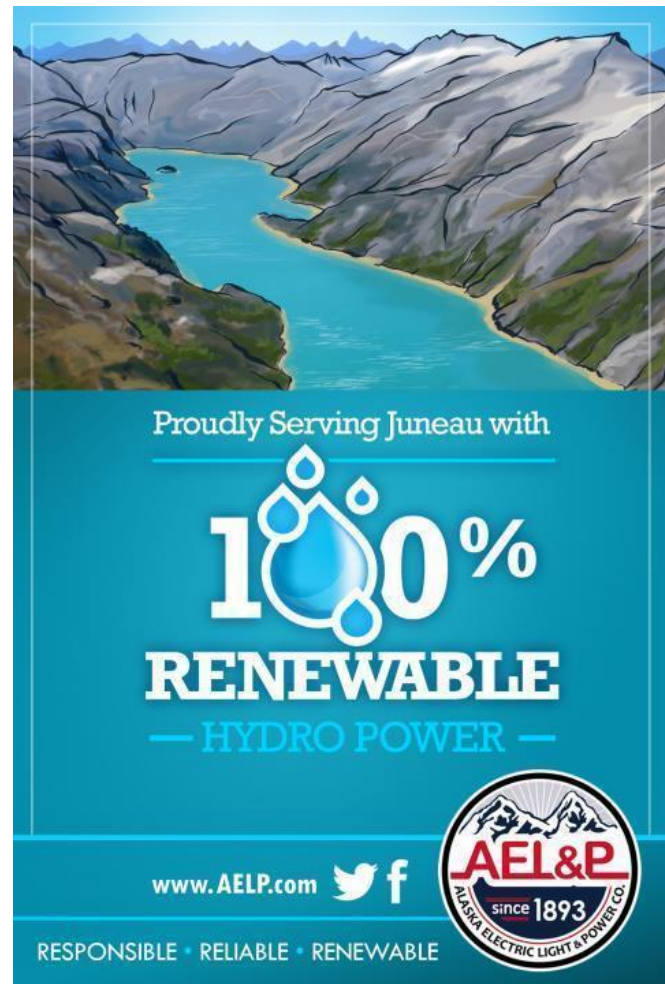
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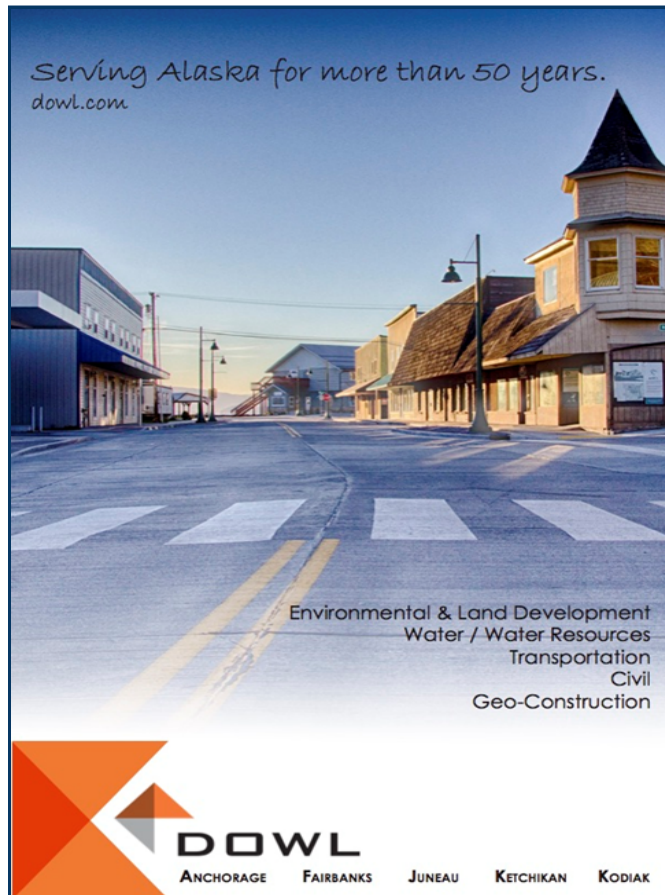



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