

# Alaska Capital Engineers

A branch of the American Society of Civil Engineers

## September Newsletter

**September Presentation:**  
***Hecla Greens Creek Mine -  
Infrastructure and Bridge Rehabilitation***

**Presented By: Michael Butikofer, P.E.**

**Date:**  
**September 28th**  
**Time: 12:00 PM**

**Location:**  
**The Huddle**  
**9109 Mendenhall Mall Rd, STE 9**  
**Shark Tank Room**

Speaker Bio: Michael Butikofer, PE, has a BS in Civil Engineering from Utah State University. He has worked at Greens Creek Mine for over 12 years. While at Greens Creek Mine he has been responsible for managing several infrastructure renewal and upgrade projects including renovating or replacing three of four bridges on the road system, and upgrading the barge loading facility at Hawk Inlet. Michael also provides technical assistance for operating and maintaining Greens Creek's road system, port facility, industrial wastewater treatment plants, drinking water plants and distribution systems, sanitary sewer collection and treatment plants, and stormwater collection systems.

Previous to working at Greens Creek, and moving to Juneau, Michael lived in Anchorage and worked for HDL Consultants and the Municipality of Anchorage. He enjoys hiking, traveling, volunteering at his church, and playing the piano.

Located near Juneau, Alaska on Admiralty Island, Hecla Greens Creek Mine produces silver, gold, lead, and zinc. The mine is in operation 24-hours a day, 365 days per year. There is a single lane, 8-mile haul road that is used to move all freight, tailings, and other material from the mine to the end of the road at Hawk Inlet. The bridges on this haul road had wood bridge decks, which were reaching the end of their service life. This presentation will primarily focus on the bridge rehabilitation and replacement project that Mr. Butikofer managed in 2021 and 2022.

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# Announcements and More!

## ***In-Person Monthly Presentations***

We are excited to announce that in-person luncheon presentations will resume on September 28th from noon to 1pm. We will continue to monitor public health and member preferences, but we hope to be able to continue in-person events going forward. Please also note that there will be a survey included with the September newsletter and on the ASCE website to gauge member comfortability with in-person events and lunch options.

## ***Message From the Board***

Welcome back, Alaska Capital Engineers, to another year!  
After 2 years of virtual meetings, we are finally working to meet in-person again. There will be some changes from previous meetings that we would like to highlight.

- The cost of the lunch provided during the September presentation will be \$20/person, however, the cost may change for future meetings due to rising service costs (see survey for more information on this). We accept cash or check, made payable to ASCE- Juneau Branch.
- The venue for our first meeting will be held at 'The Huddle' in the Shark Tank room. This is located in the Mendenhall Mall Annex, 9109 Mendenhall Mall Rd, Ste 9.

We are looking forward to seeing our long-time members, meeting new engineers, and networking in-person once again! At this time, masks remain optional.

We would love your feedback, so don't hesitate to pull one of our great officers aside, or email us and let us know what you think about in-person vs. virtual meetings, the venue location, suggestions for presentations, or anything else.

Sincerely,  
Janice Wells  
ASCE- Juneau Branch  
President

### **2021-2022 ALASKA CAPITAL ENGINEERS OFFICERS**

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## Volunteering Opportunity

After many years, Doug Murray has resigned as the MATHCOUNTS Coordinator for Southeast Alaska. We are looking for a volunteer to step up and take on this effort. It requires minimal annual effort, with the local competition in February and the State competition in March.

MATHCOUNTS is a national program designed to improve math skills among US students by making math engaging and interesting. These middle school Mathletes work hard to compete in a Sprint, Target, Team, and Countdown round at the competition. The top Mathletes advance through the series of competitions including School, Chapter, State, and National levels.

If you are interested in getting involved in our community and promoting math to our next generation, please reach out to us at [events@alaskacapitalengineers.org](mailto:events@alaskacapitalengineers.org).

## Recent Events

Earlier this month the Salmon Creek Dam in Juneau and the O'Connell Bridge in Sitka were both recognized as Historic Civil Engineering Landmarks. You can read about them in the links below:

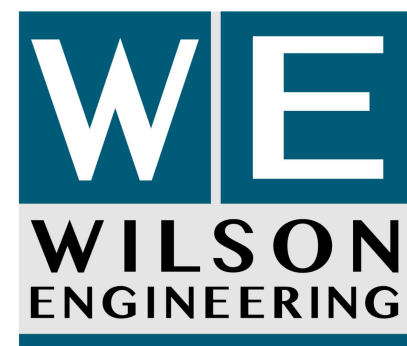
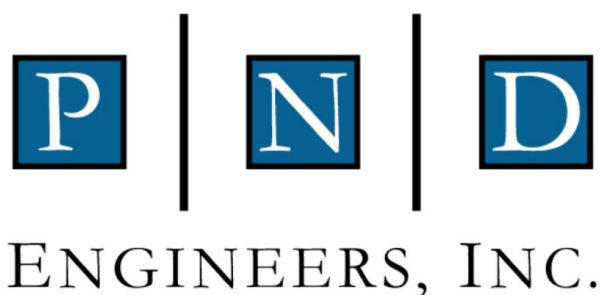
<https://www.juneauempire.com/news/salmon-creek-dam-recognized-as-a-national-historic-civil-engineering-landmark/>  
<https://sitkasentinel.com/7/>

## Current Job Postings

(Visit <https://branches.asce.org/juneau/> for more information)

PND Engineers, Inc - Structural Engineer - Juneau, AK  
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RESPEC - Structural Engineer (Senior or EIT) - Juneau, AK  
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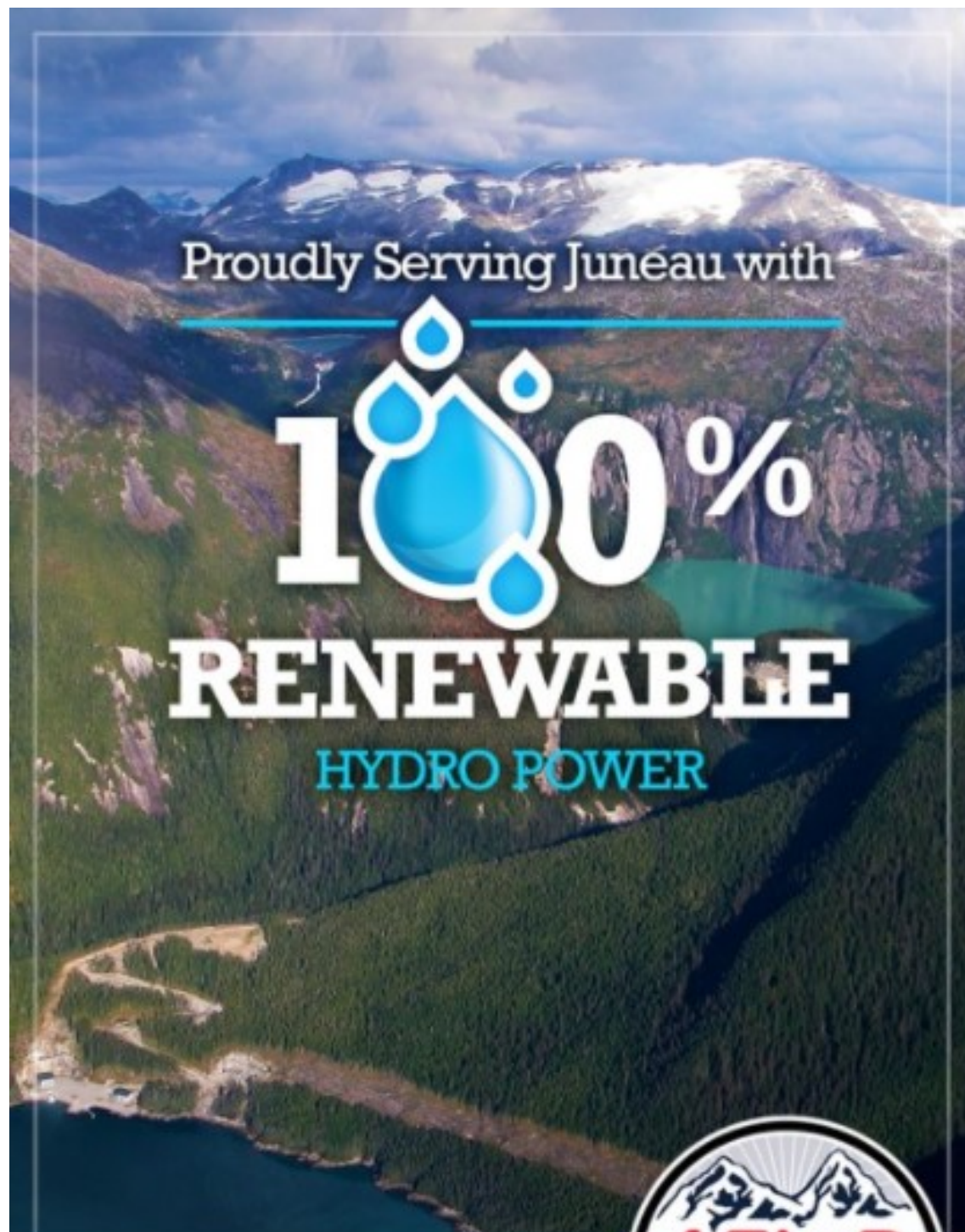
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