

## Installation Lunch with NSPE Past President Roberts

Please join us for a wonderful lunch and chat with Tom Roberts, National Society of Professional Engineers (NSPE) Past President. Mr. Roberts will perform the officer installation for Fiscal Year 2019 for both Maui Chapter and State Society officers.

Who: You and a guest or two

When: Saturday, June 22 at 12:30PM

Where: Kahili Restaurant in Waikapu

What: Lunch, network, officer installation

Why: To support the engineers in your life

The cost for lunch (entrée and a soft drink) is \$22. Please RSVP at [hspemaui@gmail.com](mailto:hspemaui@gmail.com) to let us know if you can attend and if you are bringing a guest.

Mahalo for your continued support!

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## May Meeting Highlights Award-Winning Project

HSPE Maui Chapter held a lunch meeting on Friday, May 10th at Tante's Restaurant in Kahului, Maui. Audrey Cabrera from Brown and Caldwell presented on the company's [Lanai Wastewater Reclamation Facility Liner Replacement Project](#), which won the 2019 HSPE Project of the Year award.

The project ensured uninterrupted wastewater operations at the sole municipal wastewater treatment facility on the island of Lanai, while protecting endangered Hawaiian stilt and coot bird species.

In 2014, a liner failure was discovered in one of the lagoons used for treatment. To preserve the endangered species and maintain a reliable wastewater system, the County of Maui collaborated with US Fish & Wildlife service and hired Brown and Caldwell and Kiewit Infrastructure West Co.

The project involved the design and installation of 20,000 square yards of ultraviolet-resistant, high-density polyethylene geomembrane laid over a geotextile cushion to replace the chlorosulphonated polyethylene liner. Lagoon 2 served as the primary treatment lagoon while Lagoon 1 was out of service.

The installation was completed in February 2018, eight months ahead of schedule, using an expedited five-month plan in order to not disturb the stilt nesting season.

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## 21 Charter Amendments Heading to 2020 Ballot

Which is a more important attribute for the director of the county Department of Public Works? Technical know-how or administrative chops?

The county Charter Commission settled on technical expertise Friday, after local engineers came out in force opposing a charter amendment that would eliminate the requirement the DPW director be a registered professional engineer. The amendment, CA-26, died with only two members voting yes, compared to unanimous yes votes on two previous readings.

Read the [full story](#).

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## Complete the Engineering Team With NICET Certification

In the late 1950s, as the US came to rely more heavily on machines and automation, technically skilled workers who could support the work of engineers were in high demand. In 1961, NSPE rose to the challenge by forming an organization to certify technicians and technologists.



But even though technicians have been an integral part of the engineering team and NSPE since then, that organization—the National Institute for Certification in Engineering Technologies—is not always understood by PEs. A well-attended, NSPE-sponsored webinar on May 29 provided the full picture.

During the webinar, “[Quality and Safety Through a Qualified Engineering Team](#),” NICET Communications Director Chip Hollis detailed the institute’s operations and the technician’s role on the team. NICET was founded to recognize the qualifications of technicians. Its focus, Hollis explained, helps ensure a qualified engineering workforce, certifying both engineering technicians and technologists in areas such as construction materials testing, transportation construction inspection, electrical power, fire protection, and security systems.

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## Don't Miss This Upcoming Webinar

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On **June 26** at 2 p.m., the webinar [The Saint Joseph Water Crisis – Lessons Learned in the Age of Deteriorating Water Infrastructure](#) will focus on a water crisis in Saint Joseph, Louisiana, which lends many lessons related to the difficulties faced by small and large water systems in rural environments. In this session, David A. Martin, P.E., will present an overview of the state of the town's water system prior to and after construction, as well as an overview of the new treatment process and applicability to other aquifer systems. Additionally, participants will be presented with the lessons learned during the crisis, including regulatory involvement, use of multiple funding sources, early owner procurement of long lead time equipment, and alternate project delivery.

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## Don't Miss...

- [Exemptions to Engineering Licensure Laws](#). NSPE has updated this report, with information current as of May 2019. It is free for members.
- [Take Action on Licensure Exemption Bills](#). It's imperative that lawmakers hear from their professional engineering constituents who [support bills](#) in the US House and Senate targeting licensure exemptions in public utility pipeline work.
- [PECON at a Glance](#). Take a look at the lineup of activities and educational sessions taking place at the 2019 Professional Engineers Conference in Kansas City.

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