

2019 – 2020 Officers

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Date

Location

Tuesday, Nov 12th, 2019

Zio Fraedo's Restaurant
611 Gregory Lane, Pleasant Hill, CA.
(925) 933-9091

Time: No Host Bar 5:30 pm • Dinner 6:30 pm • Program 7:15 pm

Cost: \$10 NACE members/non-members, and General Public

Please RSVP immediately by the Whoozin System. If you need additional information, please email to Mongkol Mahavongtrakul. mmahavon@gmail.com or by phone at 415-274-0563

Cancellation deadline is Friday, November 8th 2019

We may send you an invoice of \$32 per person for a NO-SHOW

Visit the Section Website at www.nace-sf.org.

TOPIC: Ice Pigging

SPEAKER: PAUL TRELOAR, Pigging Product Manager
Suez Advanced Solutions

ABSTRACT: The presentation describes a new sustainable technique for cleaning the potable water distribution system using slush ice called Ice Pigging. Ice Pigging has been proven to be between 100 and 1000 times more effective at removing sediment and biofilm than water flushing alone. The slush Ice can be inserted and removed through fire hydrants and other existing fittings so expensive excavations are not required. Because Ice Pigging relies on the natural glacial effect of ice to pick up unwanted sediment or biofilm it uses approximately 50% less water than standard water flushing and takes significantly less time. Typically, the section of main being cleaned is out of service for no more than two or three hours. Ice Pigging represents a more sustainable best practice than current approaches to main cleaning. The varied situations where water system operators may see benefit from Ice Pigging will be discussed. A demo truck will be available onsite.

BIOGRAPHY: Mr. Treloar has worked in the water industry for 26 years mainly as Project Manager responsible for planning and managing repair and maintenance work in the potable water distribution department. He has been responsible for the development and execution of all ice pigging projects, which involved locating suitable sites for ice production, planning and scheduling, overseeing plant setup, and managing the ice pigging teams on site. He has traveled to many countries to manage ice pigging projects, including in Holland, Germany, France and Australia. Before the water industry, Paul served in the Royal Marines for 10 1/2 years, specialized in arctic warfare, and was awarded the South Atlantic Medal after active service in the Falkland Islands conflict. Paul is from Bristol, UK and now lives with his wife in Newnan, Georgia, USA.

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