

The South Carolina Association of Environmental Professionals invites you to attend!

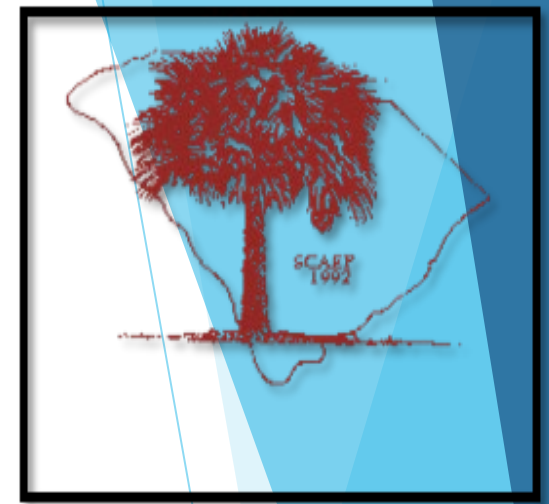
Date: Thursday, June 19, 2025
Time: 6:30 pm (social) 7:00 pm (meeting start time)
Where: Weston and Sampson Office – 1201 Main Street, Suite 930,
Columbia, SC 29201 or Zoom (link below)
Cost: No charge for paid members or first-time attendees
Speaker: DUANE GUILFOIL, P.E., President/Principal, AST Environmental, Inc.
Topic: “Reductive Dechlorination with Concurrent Sequestration of PFAS and 1,4-Dioxane in a Large Commingled Plume at a Former Manufacturing Facility”

The primary goal at the site is the reduction in mass, concentration, and mobility of chlorinated ethenes that have consistently been detected in groundwater at levels ranging from a few parts per billion to over 100 parts per million. Secondary and tertiary goals are partial sequestration of a PFAS and the biodegradation of 1,4-dioxane.

Mr. Guilfoil graduated from the University of Kentucky (1990) with a B.S. in Civil Engineering. After 34 years of experience, he holds Kentucky P.E. After graduating, he worked with Roy F. Weston, Inc. (Weston Solutions) and Shield Environmental, Inc. (Shield) before joining AST Environmental, Inc. (AST) in 2003, as a principal engineer focused on identifying and implementing emerging remedial technologies. In 2005, AST and Mr. Guilfoil began focusing attention on the emerging in-situ injection market and the products being introduced. Since that time AST has become a leading in-situ technology company providing a unique injection approach involving high resolution sampling, detailed conceptual site models, intricate designs, and surgical injection techniques. This approach has been used to successfully reach remedial objectives on over 500 in-situ injection projects. AST is currently the national distributor and training coordinator for Remediation Products, Inc’s Trap and Treat® BOS 100®, BOS 200®+, and CAT 100 products. Most recently AST has accepted the role as the preferred installer for CETCO’s Fluoro-Sorb material.

Zoom Link: <https://us02web.zoom.us/meeting/register/3CM7r1b-Qp6Hn6cY6lePEg>

Passcode: 877406



Our Sponsors:



❖ Who are we?

- SCAEP was founded in 1992 as a non-profit organization with the following objectives in mind:
- Promote harmony, cooperation, and mutual understanding among environmental consultants, regulatory agencies, educational professionals, business professionals, etc.
- Allow members of the various disciplines represented, both public and private, the opportunity to interact at a social level
- Encourage the transfer of technical information
- Provide a vehicle for continuing technical education
- Foster the highest standards of Professional Ethics within the environmental field
- Combat unfair practices within the environmental field

❖ Why Join or Sponsor SCAEP?

- PE/PG Credit Hours!
- Networking with professionals
- Food and drinks (some “fortified”) at each meeting
- A forum to present new research and interesting topics (PGs get 2 credit hours for presenting!)
- Two memberships when you sponsor SCAEP
- We always have fun and the whole group is pretty much AWESOME 😊
- Membership fees are only \$35/calendar year and \$15 for students



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