



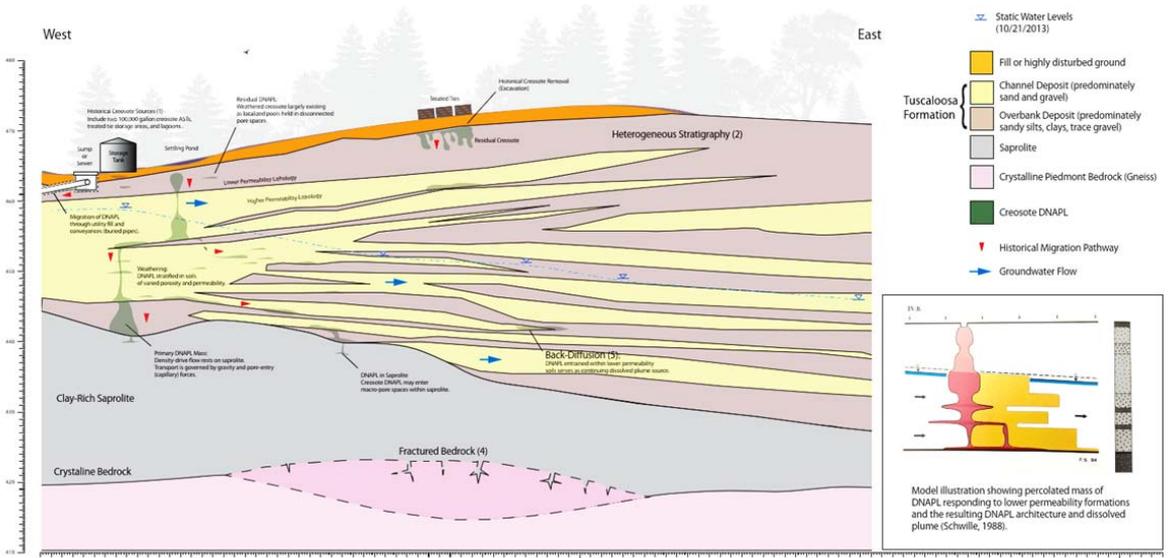
Due to concerns about COVID-19, this meeting will be postponed. After we have made rescheduling arrangements, we will send out a notice with the new date. Any questions, please e-mail jbuzun@nc.rr.com

The Durham Engineers Club Cordially Invites You to our Thursday, March 19, 2020 Meeting

Evolution of an Environmental Conceptual Site Model: 32 Years of Progress and Innovation

featuring

Barbara L. Oslund, PE



[Register Now!](#)

You can now pre-pay with a credit card or PayPal account as you register!

Meeting time is at 6:00 pm.

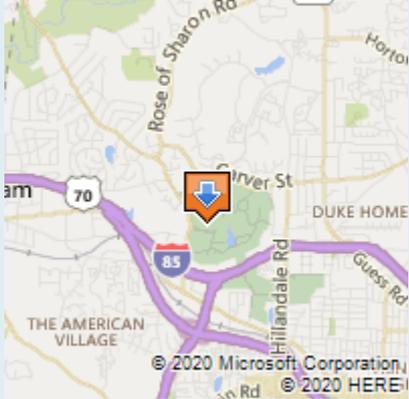
When

Dear Fellow Professional :

Thursday, March 19, 2020 from
6:00 PM to 8:30 PM EDT
[Add to Calendar](#)

Where

Croasdaile Country Club
3800 Farm Gate Avenue
Durham, NC 27705



[Driving Directions](#)

Happy New Year!
Annual DUES ARE DUE -
\$40!

Upcoming Meetings:

**NOTE: UPCOMING
MEETINGS MAY
ALSO BE
RESCHEDULED
DEPENDING ON THE
COVID-19 SITUATION.**

**April 16: Yellow Light
Update - Brian Ceccarelli**

**May 21: Security of
Operational Technology
and Industrial Control
Systems - Michael Slack**

Please consider this special invitation to attend our regular monthly meeting on Thursday, March 19, 2020 from 6:00 to 8:30 PM.

A wood treating facility operated from approximately 1915 to 1986, using creosote and later adding pentachlorophenol as preservation chemicals. Treated railroad ties and power poles were produced from this location, which currently encompasses over 50 acres. Investigation of releases to soil and groundwater was initiated shortly after plant operations ceased in 1986. Early investigation techniques were typical for the time and were generalized and rudimentary. This early interpretation of site conditions [i.e., the Conceptual Site Model (CSM)] resulted in a labor-intensive, large-footprint groundwater remediation system.

Over 20 years of costly operation and maintenance has failed to meet risk reduction standards, prompting recognition and examination of gaps in the holistic understanding of site complexities. Updates to the CSM employed non-investigative approaches and innovative field investigation to support a reinterpretation of the site geology, dissolved plume, dense non-aqueous phase liquid (DNAPL) footprint, and utility corridors. This presentation contrasts the original CSM and current interpretation resulting from innovative evaluation techniques, and the value of a precise CSM to refining the remedy and long term remediation cost.

Barbara Oslund has over 32 years of environmental engineering and project management experience focusing on site assessments, remedial investigations, remedial alternatives evaluations, and implementation of remedial actions for complex industrial legacy sites. She earned her Civil Engineering degree from the University of Massachusetts (Amherst), moved to the RTP region in 1990, and is currently employed by AECOM Technical Services of NC.

Please click on the link below to register; the cost to attend is \$25 for members and \$35 for non-members. You can now pre-pay as you register with a credit card or PayPal account, mail a check, or pay at the door with cash or check. We cannot accept credit cards at the event.

The price includes a buffet dinner at the Croasdaile Country Club. Social hour is from 6:00 to 6:30 pm and there is a cash bar. Dinner is from 6:30 to about 7:00 and the seminar will begin about 7:00.

One (1.0) PDH will be provided; a terrific bargain! Please join us for this great presentation by clicking on the "Register Now" link below, if you cannot attend please let us know as well, and feel free to forward this invitation to as many others as you would like using the button below.

[Register Now!](#)

[Forward to a Friend !](#)

[I can't make it](#)

If you do not wish to continue to receive event invitations from the Durham Engineers Club please unsubscribe using the link at the bottom. The Durham Engineers Club has one meeting per month.

We look forward to seeing you at the meeting!

Sincerely,

Jennifer Buzun, PE
Durham Engineers Club
jbuzun@nc.rr.com
919-627-5242