ACEC New York

American Council of Engineering Companies of New York

COURSE # & NAME: 4238 Soil-Bentonite Slurry Walls: What We Have Learned From The Last 50 Years Of Practice And Research

INSTRUCTOR(S): Jeffrey C. Evans, Ph.D., P.E., D. GE, F.ASCE - Parsons

DATE: November 19, 2025

# of PDH (one) 1 PDH

To receive PDH credit, send completed form to daniela.savin@parsons.com

Printed Name	**PE or PG License # and State(s)**	**Signature**	**Firm**	**Email**

Answer to Question #1	
Answer to Question #2	
Answer to Question #3	

Webinar Title:

Soil-Bentonite Slurry Walls: What We Have Learned from the Last 50 Years of Practice and Research

CEU Questions

1. What is one of the primary functions of soil-bentonite (SB) slurry walls?
    a. To reduce seepage quantity into or out of contaminated areas
    b. To enhance liquefaction in slope stability projects
    c. To replace concrete in structural walls
2. Which factors can impact the hydraulic conductivity of SB cutoff walls?
    a. Number of wet/dry cycles, suction pressure, and bentonite content
    b. Placement methodology, geostatic stress, and inorganics content
    c. Lack of precipitation and concrete content
3. What is the ideal grain size distribution for the base soil of a soil-bentonite slurry trench backfill?
    a. Silt and clay
    b. Well-graded clean sand and gravel, no fines
    c. Well-graded silty, clayey sand with fine gravel