COLLEGE OF ENGINEERING AND COMPUTER SCIENCE
FLORIDA ATLANTIC UNIVERSITY

Cristina Graver, P.E. and Mary Turner, E.I.

Updates to the ASTM E1527-21 Phase 1 Environmental Site Assessment Standards

Hosted By: Department of Civil, Environmental & Geomatics Engineering

February 9, 2022
4:00 pm – 5:30 pm
Building IS-4, Room 103
Join URL: https://fau-edu.zoom.us/j/81183100810?pwd=UXFyaEZKYW03bDl4ZEZ6aHc3V1ZoZz09

Cristina Graver, P.E., Project Engineer, Geosyntec Consultants
Mary Turner, E.I., Engineer, Geosyntec Consultants

ABSTRACT

The American Society for Testing and Materials (ASTM) Committee on Environmental Assessment, Risk Management and Corrective Action approved a new standard for conducting Phase I Environmental Site Assessments (ESAs) in November 2021. The new standard, known as "E1527-21 – Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," makes modifications to the previous Standard Practice (E1527-13) such as changing the definition of a recognized environmental condition (REC) and subject property, shelf life, required historical sources, historical RECs, interviews, emerging contaminants, data gaps, usage of maps and photographs, and guidance on classifying RECs. Our speakers will give practical tips and advice on how to properly implement the changes in the Standard Practice.

BIOGRAPHICAL SKETCH

Cristina Graver, P.E. is an environmental engineer with experience in environmental due diligence and compliance, remediation system design, environmental site assessment, air quality permitting and compliance, air dispersion modeling, stormwater pollution prevention pans (SWPPPs), spill prevention, control, and countermeasure (SPCC) plans, and wastewater treatment system design. She received her civil engineering degree from Florida State University in 2012 and her professional engineering license in April 2017.

Mary Turner, E.I. is an environmental engineer with experience in environmental due diligence (Phase I and Phase II Environmental Site Assessments), environmental compliance, site assessment and remediation of contaminated soil and groundwater, Process Safety Management/Risk Management Plan (PSM/RMP) compliance, air quality permitting and compliance, stormwater pollution prevention plans (SWPPPs), and spill prevention control, and countermeasure (SPCC) plans. She received her bachelor's degree and master's degree in environmental engineering from the University of Florida in 2018 and 2020, respectively.

For more information please contact: Dan Meeroff, dmeeroff@fau.edu

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