



THE ASCE PITTSBURGH SECTION GEO-INSTITUTE CHAPTER PRESENTS

GEOTECHNICAL DESIGN SERVICES IN THE MARCELLUS SHALE GAS PLAY

Presented by: Mark D. Mayle, P.G.

OF

RETTEW Associates, Inc.

Mr. Mayle will speak on a few of the engineering facets of the Marcellus Shale gas market as they relate to geotechnical design services. Anticipated topics of discussion include:

Reconstruction of local roadways used in transport to and from Well Sites, including Full Depth Reclamation (FDR) reconstruction methods will be presented. This treatment involves pulverization and mixing of the road asphalt, subbase and subgrade with cement to form a stable road base. Geotechnical mix designs used for the FDR Treatment and test results will be discussed.

Preliminary geotechnical investigations for new well pads as well as remediation of landslides on active well sites will also be presented. Subsurface investigations, recommendations and geotechnical details for new construction and repair of slope failures will be presented. Mr. Mayle will also provide a discussion of activities observed during construction management and inspection services performed at selected locations.

Attendance at this technical presentation qualifies participants for 1.0 PDH

***DINNER RESERVATIONS ARE REQUIRED.
PLEASE RSVP BY Friday, January 17, 2014.***

Any reservations made and not honored will be invoiced. Cancellations must be received by the RSVP deadline in order to receive a refund.

Date: **Thurs, January 23, 2014**

Time: 6:00 PM Open Bar

7:00 PM Dinner

8:00 PM Presentation

Cost: \$25 for members of the ASCE

Pittsburgh Section

\$35 for Non-members

Free for Student members

Place: Gaetano's Restaurant
1617 Banksville Road
Pittsburgh, PA 15216
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Or register online at: <http://www.asce-pgh.org/>