



## Case Studies in Vapor Intrusion Investigation, Mitigation and Remediation

Presented by Mr. Thomas Suozzo (NYSDEC)

As most of us in the environmental field are aware the New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH) are rapidly reassessing their policies regarding soil vapor issues at contaminated sites. Recent investigations at several high profile sites throughout the nation have shown that vapor intrusion can be a significant pathway to human exposure. While the long term fallout from this emerging situation is not clear the NYSDEC and NYSDOH have indicated that soil vapor investigations will probably become a standard requirement of subsurface investigations. In addition, the NYSDEC will be reopening many closed sites to investigate potential soil vapor issues.

Mr. Tom Suozzo, a project manager with the NYSDEC (Region 7), will be presenting on two case studies involving the investigation, mitigation and remediation of vapor intrusion. As this is a new and emerging investigation requirement for the NYSDEC, Tom will be sharing some of the important lessons the NYSDEC has learned from these cases.

Tom has a B.S. in civil engineering from Syracuse University and has been with the NYSDEC for the last 26 years.

In addition to our main presentation we will also be having a technical workshop (indoors). Mr. Steve Jebo of Geoprobe Systems will

present a brief talk on the basic tools and procedures used to perform soil vapor investigations. In addition, Steve will give a short talk on the new Membrane Interface Probe (MIP) tooling that Geoprobe has developed.

Steve, a native New Yorker (raised and educated in Potsdam, New York), has been in the sales field for more than 30 years spending the last 13 with Geoprobe Systems. Geoprobe Systems is a manufacturer and supplier of a wide variety of direct-push drill rigs and tooling including soil gas sampling tools. Geoprobe soil vapor implants are a widely used tool in soil vapor investigations.

**Meeting logistics:** The meeting will take place on Thursday, September 15 at the Glen Loch Inn (4626 North Street, Jamesville, NY). The workshop will begin at 5:15 and proceed for about 45 minutes. A social hour will be held from 5:30 p.m. to 6:30 p.m. and will be followed by a buffet dinner starting at 6:30 p.m. The main presentation by Tom Suozzo will begin at 7:30 p.m.

The cost of dinner is \$20 for members, \$22 for non-members and \$15 for student members. People may also attend the presentation only for a nominal fee of \$3. Please RSVP by Monday, September 12 to Bonnie at Parratt-Wolff via e-mail at [bolney@pwinc.com](mailto:bolney@pwinc.com) or 437-1429.