



## Practical Considerations for the Development of Monitoring and Production Wells

Presented by Mr. William Morrow

Careful consideration goes into monitoring and production well design and installation – but all too often, well development is an after thought. As a result wells may tend to: 1) yield non-representative samples, 2) provide poor quality hydraulic data, 3) yield less water than anticipated or 4) have smaller than designed capture zones. Each of these four issues can be remedied by a properly planned, executed and monitored well development program.

This interactive presentation by Bill Morrow will provide the audience with an opportunity to learn why development is important for various types of wells. Once the need is established, the program will address what well development is and what methods are available. We will discuss the various types of mechanical means available and the use of chemical additives. From discussing the means, the program will shift to monitoring. What is an appropriate monitoring program and how do I know when my well development program is complete? Both of these issues will be addressed using practical examples from local projects.

If you are a practicing geologist, hydrogeologist or water supply engineer, it will be hard to attend and not get at least a few ideas to put in your tool box for your next

project. CNYAPG looks forward to your attendance on January 19<sup>th</sup>.

Bill Morrow is currently a Vice-President of Parratt-Wolff, Inc., an environmental and geotechnical drilling firm based in Syracuse, New York. Mr. Morrow received a B.S. in Geology from Bucknell University and an M.A. in Geology from State University College at Oneonta. He is both a licensed geologist in Pennsylvania and a certified well driller with the National Ground Water Association.

**Meeting logistics:** The meeting will take place on Thursday, January 19th at Dakota's Brickhouse Grill located at 426 North Franklin Street in Syracuse, New York (formerly Roman's). 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 Mr. Morrow 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, January 16th to Bonnie at Parratt-Wolff via e-mail at [bolney@pwinc.com](mailto:bolney@pwinc.com) or 437-1429.