

## Lunch and Learn: Jet Grouting in Challenging Environments. Methods and Risk Mitigation.

Kevin Dawson, PE, *New England Area Manager, Hayward Baker*  
Paul Thurlow, *General Manager, Getec – UK*

**Thursday, February 25th, 2016**

The Aldrich Center, One Walnut Street, Boston, MA

11:00 AM Registration; 11:30 AM to 4:00 PM Program

### I. Introduction

Jon Davies, PE, *Senior Vice President, Hatch Mott MacDonald*  
David Finocchio, PE, *Senior Project Manager, Hayward Baker, Inc.*

### II. Jet Grouting in Urban Environments

Kevin Dawson, PE, *New England Area Manager, Hayward Baker, Inc.*

- a. General Review of Jet Grouting History
- b. Jet Grouting Techniques
- c. Associated Risks in Urban Environments
- d. Recent Boston / Cambridge Jet Grout Examples

### III. Case History – Victoria Station, London

Paul Thurlow, *General Manager, Getec – London, UK*

Victoria Station in central London is one of the most congested areas in the city. It was a challenge to complete a watertight environment for mining when jet grouting was used to seal water flow over existing subway tunnels. The work area was confined and the underground services were many. This talk shows how 4000 jet columns were completed successfully despite these challenges. The innovations in BIM modeling and instrumentation will also be discussed. Jet grouting under sensitive structures is feasible with the right instrumentation in place.

## Registration Deadline: Monday, February 22, 2016

\$90 Members, \$120 Non-Members

\$75 Public Sector Members, \$90 Public Sector Non-Members

\$30 Student Members and Senior Members (65+)

### Information/Registration:

Register to attend this meeting and pay by credit card online at <http://bit.ly/Geo-2-25-16>. To register online for an event at the BSCES member rate you must login using your BSCES assigned username and password. If you do not know your BSCES member login information call 617/227-5551. You can also register for this event by mail or email. To do so, download and complete a [BSCES Event Registration Form](#) and follow the submission instructions. Cancellations received after Registration Deadline February 5, 2016 and no-shows will be billed.