



**2009 - 2010**  
*May Meeting Notice*  
**Minnesota Geotechnical Society**

**Underpinning and Soil Nailing for Basement  
Addition Under Existing Factory**

**Greg Norris, LEED AP, Veit**

As part of a plant addition and upgrade, an out of state manufacturer needed to build a basement inside an existing facility while maintaining production directly adjacent to the work. This presentation will show the innovative application or proven techniques used to excavate up to 20 feet below the existing slab inside the building, including underpinning, soil solidification, and soil nailing.

**Date:** Wednesday, May 12, 2010

**Location:** Rose Vine Hall (downstairs at Grumpy's Bar & Grill)  
2801 Snelling Ave. N., Roseville, MN

**Time: 6:00** Social Hour, Sponsored by Veit

**7:00** Dinner: Salad, Rolls, Coffee/Soda and a choice of:

1. 10-Ounce Top Sirloin - Char-grilled and topped with bleu cheese garlic butter. Served with white cheddar mashed potatoes and a sautéed vegetable medley
2. Feta Cheese and Sun-Dried Tomato Stuffed Walleye - Served over white cheddar mashed potatoes with a drizzle of lemon thyme butter sauce.
3. Seared Chicken Parmesan - Tender chicken breast crusted with aged Parmesan cheese and rapidly seared until golden brown. Served over white cheddar mashed potatoes and a sautéed vegetable medley.
4. Manicotti – Fresh Pasta tubes filled with ricotta, mozzarella and parmesan cheeses. Baked in marinara sauce and finished with melted mozzarella.

**8:00** Business Meeting

**8:15** Presentation – Underpinning and Soil Nailing for Basement Addition  
Under Existing Factory  
by Greg Norris, LEED AP, Veit

(One professional development hour toward continuing education requirements for Professional Engineers is available).

**Cost:** \$25.00 members, \$30.00 non-members, and \$5.00 Full-time students,  
payable to MGS at the door.

**Reservations:** Requested by 12 Noon, Friday, May 7, 2010

Please register via the website at <http://www.mngeotechnicalsociety.com/eventsmpls.asp>

(When registering, please keep in mind that MGS is responsible for payment of all meals reserved. If you register and cannot make the meeting, please try and find a replacement so MGS does not have to cover the cost of the unused meal. Thanks!)

---

<b>President</b>	<b>Vice President</b>	<b>Secretary</b>	<b>Treasurer</b>	<b>Program Chair</b>	<b>ASCE Chair</b>	<b>Past President</b>
Paul Martin	Mike Haggerty	Kurt Heckendorf	Mark Osborn	Travis Rengstorf	Joe Bentler	Gregory Norris
651-487-7084	952-832-2944	651-290-5411	507-645-0964	651-789-4667	651-603-6616	763-428-2242

<http://www.mngeotechnicalsociety.com>