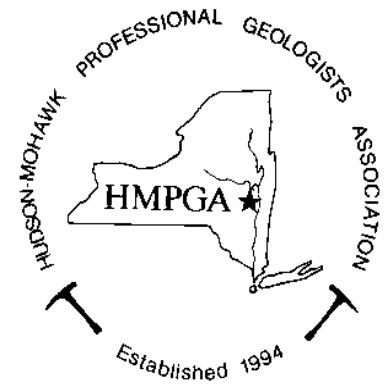


# Hudson-Mohawk Professional Geologists' Association

*May Newsletter*

[www.hmpga.org](http://www.hmpga.org)



**May 17, 2006**

## **"A Practical Guide to the Use of Packers" (a.k.a. Packer Testing 101)**

**Abstract:** Everyone likes to have a new tool in his or her toolbox when starting a home improvement project. There is just something about having a new circular saw or a nail gun to give one confidence when putting on a new roof. How about having a sharper version of your favorite tool? What new tool have you recently put into your site characterization toolbox? Have you tried any different approaches recently when confronted with bedrock site investigation? How can I minimize purge volume when sampling a contaminated 12" diameter production well? What about remedial compounds like ORC or HRC? I know I'm supposed to inject it – but how do I inject this stuff into a rock-hard till formation or bedrock!?!

If you have similar questions, want to refresh yourself about the use of packers or just simply want to learn something new (i.e. put a new "tool" in your toolbox), come join us for an informative presentation on the use of packers. This topic will include:

- An introduction to packers and the associated equipment;
- How to use packers to collect discrete samples and to minimize purge volumes;
- How to use packers to help determine aquifer hydraulic parameters;
- How to use packers to control the placement of various types of grouts and fluids into a formation;
- Practical suggestions on how to write a RFP for the use of packers; and
- Projects and field approaches – lessons learned!

### *About the Speakers*

**Bill Morrow** is a Vice President with Parratt-Wolff, Inc. where he manages environmental and geotechnical drilling projects. Bill has a Master's degree in Geology from SUNY Oneonta and a Bachelor's degree in Geology from Bucknell University. He is a licensed geologist in the state of Pennsylvania and a licensed well driller in the states of New York and Vermont. A frequent speaker, Bill has presented this program to a number of audiences including professional meetings, conferences and clients.

## Inside the May 2006 Newsletter

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HMPGA sponsors, coordinates, and participates in events to help educate the community and its members with respect to geological or geotechnical issues. Events include regular meetings with evening dinners and guest speakers. Other events include workshops, short courses, or field excursions. If you have questions, comments, or suggestions for our organization, please contact a HMPGA Officer or Board Member.

### **May's Meeting and Event Information:**

**When:** May 17, 2006

**Schedule:**

**Calaway Grill**  
**The Saratoga Room**  
(attached to the Wingate Inn)  
254 Wolf Road, Latham

Board Meeting	4:30pm
Social Hour	5pm
Dinner	6pm
Program (free)	7pm

#### **Dinner:**

\$10.00/person for student members  
\$20.00/person for members  
\$22.00/person for non-members

#### **Notes:**

Vegetarian or fish meals are available with prior request. Individual will be responsible for the cost of dinner unless a cancellation notice is received 24 hours prior to the meeting. Walk-ins will be charged an additional \$2.00.

**Reservations:** Reservations are required for dinner attendance. Call or e-mail Diane Welch at (518) 348-6995 or [dwelch@alphageoscience.com](mailto:dwelch@alphageoscience.com) by noon on **May 17, 2006**. Please register even if you are only attending the Program.

Thank you in advance!



## PRESIDENT'S MESSAGE!

### Greetings fellow HMPGA Members!

I want to take this opportunity to extend the thanks of the entire HMPGA community, and, especially, my personal thanks to Mark Williams for his dedication to and tireless efforts for our organization. This organization has been blessed by the contributions of many dedicated folks over the years, but Mark's contributions are truly beyond compare.

Thanks to his efforts over the last several years, we have had first rate speakers, corporate sponsors and short courses. The strong financial ground on which we now stand is due almost entirely to Mark's efforts in developing our corporate sponsor base and in promoting our spring short course. This year, we expect to add \$5,000 to the treasury from the proceeds of the recent Vapor Intrusion Workshop that Mark organized. Thank you Mark: thank you for the contributions big and small!

I also want to remind folks that we have another interesting speaker lined up for the May 17<sup>th</sup> meeting. Bill Morrow, Parratt-Wolff, Inc. will give us a primer on "A Practical Guide to the Use of Packers." In addition to giving us a "how to" lesson on the use of packers, I'm sure Bill, with his many years of experience in the drilling business, will have some noteworthy "good, bad and ugly" tales from the field. See you on the 17th.  
- Bill

(Bill Wertz works for the NYSDEC, Division of Environmental Remediation)

**September Newsletter Deadline:**

**August 30, 2006**

Send MS Word documents via e-mail to  
[mmillus@continentalplacer.com](mailto:mmillus@continentalplacer.com)

Any content that appears to express an opinion on behalf of HMPGA will be reviewed by the President prior to publication.

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**T E S T I N G**



## A Special Note from a HMPGA Member ~ Eriko Fujita ~

In March, I joined approximately 50 other presenters for the Career Awareness Program at the Maple Avenue Middle School in Saratoga Springs. The main purpose of the Program is to introduce 6<sup>th</sup>, 7<sup>th</sup>, and 8<sup>th</sup> grade students and their parents to career possibilities. The kids and parents get to stroll around the gym and “shop” around for careers. It was interesting to see some of the kids immediately try to lose their parents (and their younger siblings) to find their friends.

I could tell that I may have been the first Geologist that many of the students and parents had ever met. It was great to see flickers of interest when they read the “Geologist” sign and then stopped to investigate what I had on display at my table. Shiny things like Herkimer diamonds and flaky muscovite, colorful maps of the world, and a fish fossil were sufficient to hold their interest for a few more minutes, and to give me an opportunity to start a conversation with them. The New York State Minerals handouts and magnets (courtesy of the DEC – Thank You!) were very popular.

Based on my experience there, I encourage all of you to volunteer at a career night in your local area. The one question I could not answer was from a younger elementary school boy who was interested to know the closest place to collect pyrite. Does anybody know so that I can be better prepared next time?





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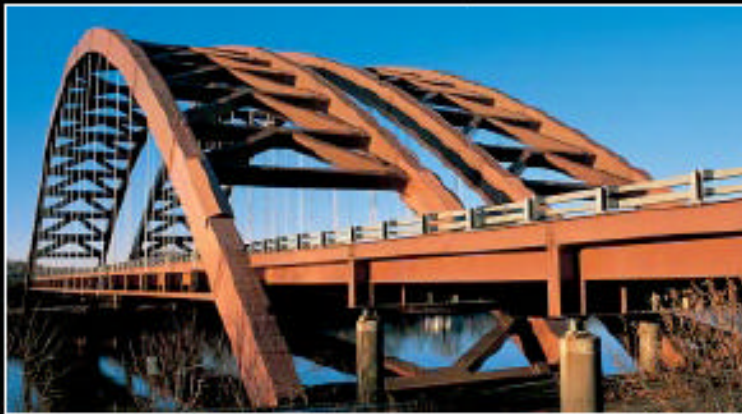


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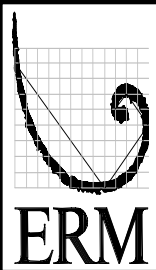
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## *From the Newsroom*

*~ Mary Millus ~*

I would just like to take a moment to thank our Corporate Members for contributing to HMPGA this past year. I was also pleased to provide you with a special page in our Newsletter, allowing you to better explain the services of your company. If you are interested in providing material for future Newsletters, please contact me.

I would also like to thank all those HMPGA members who gave me feedback on the Newsletter. Have a wonderful summer!

If you are interested in writing for the HMPGA Newsletter, please contact me. Our organization is open to your ideas!

## The Early Bird Catches the Worm!

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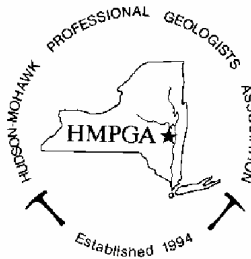
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Join a team of committee members to help service the public with interesting lectures by coordinating speakers, event topics, as well as guest and meeting services.

If you are interested in this position, please contact Mark Williams at (518) 270-1620 or via e-mail at [mwilliams@h2hassociates.com](mailto:mwilliams@h2hassociates.com)





## HUDSON-MOHAWK PROFESSIONAL GEOLOGISTS' ASSOCIATION

### 2006 – 2007 MEMBERSHIP APPLICATION & RENEWAL FORM

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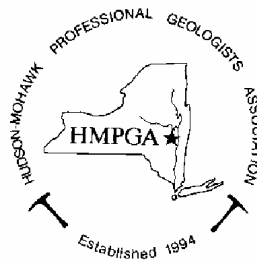
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Membership Class	Dues
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Associate Member	\$ 25.00
Student	\$ 5.00
Corporate	\$ 100.00

*Please return the completed Membership Application with a check made payable to **Hudson-Mohawk Professional Geologists' Association**.*

*(Application fee will be returned if applicant does not meet membership requirements.)*

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## HUDSON-MOHAWK PROFESSIONAL GEOLOGISTS' ASSOCIATION

### 2006 – 2007 MEMBERSHIP APPLICATION & RENEWAL FORM

#### PURPOSE AND OBJECTIVES

HMPGA is incorporated as a non-profit organization. Money raised through membership dues and other fund-raising will be used to pay for mailings, meeting expenses, speaker expenses, and other needs as the Association develops into the future. The purpose of this corporation is to reach out to area geologists, hold regularly scheduled meetings, disseminate geologic knowledge and exchange information concerning the professional practice of geology. HMPGA is affiliated with the American Institute of Professional Geologists (AIPG). This affiliation with AIPG will facilitate the exchange of information regarding professional activities on state, regional and national levels; and will promote the professional development of the members of HMPGA.

#### MEMBERSHIP CATEGORIES

Only Members shall be eligible to vote. Associate Members and Student Members shall enjoy all privileges of the Corporation, except that they shall not hold office, endorse applications for membership, or vote. The Corporation shall consist of the following classes of membership:

- (a) **MEMBER** - Any person who by education and/or experience is qualified to advance the objectives of the Corporation shall be eligible for full membership. Such a person must be a graduate of an institution of collegiate standing, in which institution the major work has been done in geology or in geological sciences. In the case of a person who has not had this training but whose standing in the profession is well recognized, admission to full membership may be granted by unanimous approval of the Board of Directors.
- (b) **ASSOCIATE MEMBER** - Any other person who is interested in the science of geology, and in the advancement of the objectives of the Corporation, and who is not eligible to be a Member, as above defined, shall be eligible to be an Associate Member. After two years' participation in the affairs of the Corporation an Associate Member may, upon application and approval of the Board of Directors or by direct action of the Board of Directors, be elevated to a Member.
- (c) **STUDENT MEMBER** - Any full-time graduate or under-graduate college student who is studying geology shall be eligible to be a Student Member. Upon termination of full-time college work, such student membership shall cease, and application for membership as set forth herein may be made.
- (d) **CORPORATE MEMBER** - Any corporation or organization whose activities and/or interests concern the science of geology and the advancement of the objectives of the Corporation. Corporate Membership - Admission to and continuation of membership shall be contingent upon (1) a professional interest in the science of geology, and (2) payment of dues. Rights and Privileges of Corporate Members  
(1) One (1) designated representative of a corporate member (not already holding an Individual Membership) shall be entitled to one vote on each matter submitted to membership vote. (2) Election to office shall be the privilege of the person designated as Corporate Representative. (3) Each Corporate Member shall have the option of designating a portion of their membership dues to help defray the expenses associated with the monthly meeting. (4) Annual dues for a Corporate Member shall be one-hundred dollars (\$100) per year.

#### COMMITTEES

**Program Committee** - The duties of this committee will be to plan, organize, and carry out, with approval of the Board of Directors, all meetings of the corporation, including field trips. The program committee shall also submit to the corporation, no later than September 1 of each year, a tentative program for the ensuing year.

**Membership Committee** - The duties of this committee shall be to promote membership in the corporation, to assist the treasurer in contacting members who are in arrears in their dues, and to promote fellowship by notifying new members of their acceptance in the Association and inviting them to meetings.

**Communications Committee** - The duties of this committee shall be to disseminate understandable and accurate information about geology to high school or grade school students, to develop a better understanding and appreciation of the role of geology in the everyday life of the Hudson/Mohawk area, and to increase public understanding and appreciation of geologists as trained professionals comparable to members of the other professions. This committee shall also arrange for all publications authorized by the Board of Directors.



## **CAPITAL DISTRICT BREAKFAST CLUB PRESENTATIONS:**

The Capital District Environmental Breakfast Club is an informal group of environmental professionals that meets monthly to discuss current environmental issues. Each meeting features a speaker on a topic of interest, a regulatory update, and an open forum. Meetings are held on the first Friday of each month except July and August.

The Environmental Breakfast Club meets at the Holiday Inn Turf on Wolf Road in Colonie, New York. Meetings start at 7:30 am. The cost is \$12 per person which includes a full breakfast buffet.

*May's Topic of discussion:  
New York State's Brownfield Program-DEC's Vision*

You can find out more details about the Capital District Environmental Breakfast Club at their website:  
[www.youngsommer.com/CM/Custom/TOCEnvironmentalBreakfastClub.asp](http://www.youngsommer.com/CM/Custom/TOCEnvironmentalBreakfastClub.asp)



## **Buffalo Association of Professional Geologists (BAPG)**

The BAPG conducts regular membership meetings on the third Wednesday of the month, January through June and September through November, featuring distinguished speakers. Field trips and technical seminars sponsored by the BAPG encourage the exchange of scholarship and expertise.

Visit [www.bapg.org](http://www.bapg.org) for more information!



## **Central NY Association of Professional Geologists (CNYAPG)**

The CNYAPG conducts regular meetings on the second Thursday of each month from September to May. Meetings feature dinner and distinguished speakers whose presentations invite comment and discussion.

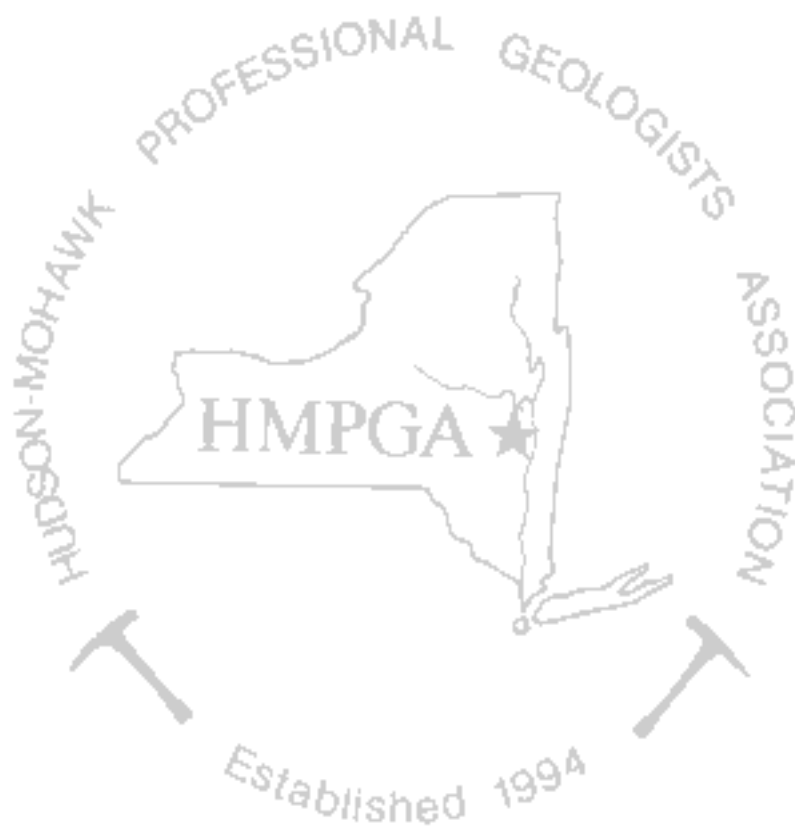
Visit [www.cnyapg.org](http://www.cnyapg.org) for details!



## **LONG ISLAND ASSOCIATION OF PROFESSIONAL GEOLOGISTS**

The Long Island Association of Professional Geologists (LIAPG) is a not-for-profit professional organization dedicated to the professional and business needs of geologists located in the Long Island / Metro New York area.

To contact members or view upcoming events sponsored by the LIAPG, go to their website:  
[www.liapg.org](http://www.liapg.org)



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**HMPGA**  
**P.O. Box 5506**  
**Albany, NY 12205-0506**

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