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The Official Publication of the Mississippi State Board of Registered Professional Geologists

Protecting the Public's Health, Safety, and Welfare

Spring, 2004 - Special Edition

Members of the Board: Charles Swann, President (At Large); Winston Russell, Vice President (Environmental); Ed Hollingsworth (Mining - Mineral Extraction); David Patrick (Academia); and Patricia Phillips (Government).

Shark Attack?

***From the Director,
Rick Ericksen***

I would like to share with you some of the more salient portions of an article which appeared in the "Correlator" a publication of the Professional Affairs Division of the American Association of Petroleum Geologists, by Mr. Wallace G. Dow titled "Shark Attack! When Ethical Conduct Breaks Down." Mr. Dow writes that noted petroleum geologist Pete Rose stated ... "The expectation of ethical behavior in others is the foundation of healthy free market commerce." Further quoting ... "to say that the reason why professional ethics are so important is because all legal agreements"....which includes laws, regulations, etc....."require trust between the parties and there always are gray areas in which unethical people can take advantage."

I started my career in geology in 1975 as a petroleum geologist, changed to a geologic research oriented position in 1991, and then to that of director of the MSBRPG in 2000. Over the years, I have had business and professional dealings with a substantial number of companies, state and federal agencies, and individuals and, in agreement with one of Mr. Dow's conclusions, I too can sincerely say that the overwhelming majority of the people with whom I have dealt are totally honest and ethical.

However, there are those who are arrogant, deceitful, greedy, ruthless, and who are bullies or some combination thereof. I have had and continue to have the extreme displeasure to know some of these folks. And I too have also observed over the past few years and more recently that these predators will stop short of nothing to get what they want. Unfortunately the ones who are truly ethical and expect ethical treatment in return are the ones who are most vulnerable to what is termed "a shark attack."

It is further noted that those who remain silent only allow the sharks to feed freely on honest victims who have naively anticipated and expect ethical behavior. And sharks generally shield themselves from discovery by

wearing "cloaks of respectability" which they proudly wear for all to see which then plays to their advantage by compromising the credibility of the victim who tries to expose them for what they really are.

The following is an extended quote from the same article:

"These things considered, the most effective shark repellent is threat of exposure, because sharks cannot operate freely once they have been revealed. But exposure can be difficult to accomplish because sharks will attack anyone they perceive to be a threat."

In conclusion I would like to note Mr. Dow's three basic principles, somewhat embellished in reference to sharks:

1) "Never consort with a known shark because no matter how respectable he may seem, if he wants something you have, he will try to take it."

2) "Get everything in writing and in as much detail as possible because even honest people can have different perceptions of what was agreed to. Ethical people understand this and have no problem with written agreements. Sharks, on the other hand, will try to avoid written agreements and do everything verbally." And also remember this too — even though you may have a written agreement with a shark be aware of their uncanny nature to misinterpret and misrepresent/misdefine the written word, twisting it into an interpretation to fit their own agenda of greed and arrogance further perpetrating mistrust.

3) Lastly, "Fight back if attacked and expose the shark for all to see because remaining silent will, in the long run, do more damage to you and to his future victims."

So now that you have read about the ways Sharks operate — rest assured that they are out there and that they are also probably closer than you may think — be ever vigilant and do not fall prey!

Continuing Education Seminar Set for May 2004

The PTTC, MSBRPG and the Division of Professional Affairs/AAPG are jointly offering a seminar on prevention and remediation of oil field oil and saltwater spills. The seminar will be on May 26, 2004 starting at 8:30 a.m. at the Capital City Club in Jackson, MS. Mr. Phil Spurlin with Beacon Environmental Assistance Corporation will be the seminar instructor. This should be an excellent continuing education opportunity which will be assessed 6.0 PDHs. To register for this seminar please type the following URL into your web browser (Eastern Region PTTCs website): <http://egrpttc.geo.ua.edu/form/registration.html>

UST Regulation Revisions - More on the Ongoing Saga

FOR roughly three and one-half (3 ½) years since the MSBRPG first discussed UST regulation revisions with the Mississippi Department of Environmental Quality, the Mississippi Commission on Environmental Quality voted in unanimity on March 25, 2004 to accept the revisions as proposed by staff of the MDEQ. On April 28, 2004, we received a letter from the MDEQ's legal counsel informing us that the Mississippi State Board of Registration for Professional Engineers & Land Surveyors had filed a petition for an Administrative Appeal requesting an Evidentiary Hearing. A selected portion of that petition follows: "...Specifically allowing Registered Professional Geologists to act as Environmental Response Action Contractors creates the potential of having an ERAC respond to an emergency situation who may not have the requisite knowledge or expertise to recognize when or if certain engineering functions need to be applied to an emergency, resulting in misdiagnosis and harm to the public;..."

The MSBRPG will be prefilng testimony and will also be part of the evidentiary hearing which should be held within the next few months. As always we will keep you, our registrants, informed.

Voting - Ballot Attached

Please review the following nominees' biographies and vote as directed for one of three in the sectors which will have vacancies. Please vote!

The last page of this newsletter is your ballot. Please vote for one nominee and one nominee only from each of the two sectors. Then simply fold the page in half, staple or tape it closed, affix a stamp and place it in the mail.

After tabulation of votes, the ranked list from most votes received to least, of nominees for each sector will be submitted to the Governor for consideration and appointment to the Board.

Those appointed will serve a four (4) year terms.

AT LARGE SECTOR - BIOGRAPHIES OF CANDIDATES

MAUREEN K. CORCORAN – At Large Sector**1) Date of Birth:** 02/1/58**2) Degree(s):**

B.S., Geology, 1980, University of Southern Mississippi, Hattiesburg, MS

M.S., Geology, 1992, University of Southern Mississippi, Hattiesburg, MS

Ph.D. Candidate, Geology, in progress, University of Mississippi, Oxford, MS

3) Work History:

Engineer Research and Development Center, U.S. Army Corps of Engineers, Research Geologist, 1992 to present

4) Professional Publications:

Five (5) technical reports

5) Professional Memberships:

Gamma Beta Phi Honor Society

Sigma Xi (Past President, Vice President, and Treasurer)

Natchez Geological Society (Past President)

Mississippi Geological Society

Mississippi Academy of Sciences (Associate Editor, Past Director)

Geological Society of American (federal representative)

6) Current Professional Certifications, Registrations and Licenses:

Reg. Prof. Geologist, Mississippi No. 0239

7) RPG Related Activities:

Geological Task Force, 1996 - 1997

JAMES "JAMIE" B. HARRIS – At Large Sector**1) Date of Birth:** 07/27/60**2) Degree(s):**

Ph.D., Geology/Geophysics, 1992, University of Kentucky, Lexington, Kentucky

M.S., Geology/Geophysics, 1989, University of Kentucky, Lexington, Kentucky

B.S., Geophysics, 1985, University of Houston, Houston, Texas

B.S., Geology (mathematics minor), 1982, Eastern Kentucky University, Richmond, Kentucky

3) Work History:

Millsaps College, Jackson, Mississippi, Associate Professor, April 2001 to present; Assistant Professor, August 1995 - April 2001; Department Chair, January 1998 - present, Department of Geology

Geological Survey of Canada, Vancouver, BC, Canada,
Postdoctoral Fellow, August 1994 - August 1995,
Geophysics, Earthquake Hazards
Kentucky Geological Survey, Lexington, Kentucky,
Postdoctoral Research Associate, July 1992 - July
1994, Geophysics
University of Kentucky, Lexington, Kentucky, Research
Assistant, November 1987 - June 1992
Kentucky Geological Survey; Department of Geological
Sciences; Center for Computational Sciences
Western Geophysical Company, Houston, Texas,
Observer, Marine Seismic Crew, May 1985 - October
1987, Beaufort Sea, Alaska; Gulf of Mexico
ARCO Exploration Company, Houston, TX; Lafayette,
LA, Exploration Geophysicist, May - November 1982;
May - August 1983, Seismic data interpretation and
mapping; Offshore central Louisiana; east Texas
Cretaceous reef trend

4) Professional Publications:

25 Publications in Refereed Journals; 20 Reports,
Conference Proceedings, Expanded Abstracts, Articles;
45 Published Abstracts

5) Professional Memberships:

Society of Exploration Geophysicists;
Near Surface Geophysics Section, Society of
Exploration Geophysicists;
Environmental and Engineering Geophysical Society;
American Geophysical Union;
Seismological Society of America Eastern Section;
Seismological Society of America;
National Association of Geoscience Teachers

6) Professional Certifications, Registrations and Licenses:

Reg. Prof. Geologist, Kentucky No. 1704
Reg. Prof. Geologist, Mississippi No. 0395

7) RPG Related Activities:**ROSS D. WILLIAMS – At Large Sector**

1) Date of Birth: 08/08/58

2) Degree(s):

B.S., Geology, 1982, University of Southern
Mississippi, Hattiesburg, MS
Graduate Studies in Geology, Jackson
Engineering Graduate Program, University of
Mississippi, 1985-present

3) Work History:

Mississippi Department of Environmental Quality, Office
of Pollution Control, Environmental Administrator,
February 2002 - Present, Jackson, MS
Aquaterra Engineering, Inc./LLC, Senior
Geologist/Project Manager, May 2001 - January
2002, Jackson, MS
Mississippi Department of Environmental Quality, Office
of Pollution Control, Environmental Scientist,
September 2000 - May 2001, Jackson, MS
Perry, Pyron, and McCowan Consultants, Inc., Senior
Geologist, February 2000 - August 2000, Jackson,
MS
Walker-Hill/Thomas Environmental, Inc., Senior

Geologist, April 1994 - January 2000, Jackson,
MS

Peer Consultants, Inc., Senior Geologist, August
1993 - March 1994, Oak Ridge, TN

First Environment, Inc., January 1988 - March, 1993,
Jackson, MS

Mississippi Department of Natural Resources, Bureau
of Geology, Environmental Scientist September,
1983 - December 1987, Jackson, MS

Southern Cadastral Surveys, Inc., Aerial
Photographic Cartographer, September 1982 -
August 1983, Clinton, MS

University of Southern Mississippi, Work Study
Student, September 1979 - May 1982,
Hattiesburg, MS,

Engineers Laboratories, Inc., Soils and Concrete
Technician, January 1977 - June, 1979, Jackson,
MS

4) Professional Publications:

Stover, C., Williams, R. and Peel, C., "Yazoo Clay,
*Engineering Aspects and Environmental Geology
of an Expansive Clay*," Mississippi Department of
Natural Resources, Bureau of Geology, Circular 1,
1988

5) Professional Memberships:

Solid Waste Association of North America

6) Current Professional Certifications, Registrations and Licenses:

Reg. Prof. Geologist, Mississippi No. 0117
Professional Geologist Florida PG0000989

7) RPG Related Activities:

ENVIRONMENTAL SECTOR - BIOGRAPHIES OF CANDIDATES

JOHN "JOHNNY" W. GREEN - Environmental Sector

1) Date of Birth: 09/05/35

2) Degree(s):

B.S., Geology, 1957, Millsaps College, Jackson, MS
Graduate School, 1959, Mississippi State University,
Starkville, MS

3) Work History:

Retired
Geoscience Engineering, Senior Geologist, 1995 -
2003, Jackson, MS
Geologic and Environmental Services, Inc., Director of
Regional Operations, 1994 - 1995, Jackson, MS
Southeast Engineering Group, Exec. Vice President
and Senior Geologist, 1994, Jackson, MS
BCM Engineers, Environmental Geologist, 1992 -
1994, Jackson, MS
Legislative Environmental Protection Council, 1988 -
1991, Jackson, MS

Dept. of Energy and Transportation, Executive Director,
1985 - 1988, Jackson, MS
Dept. of Energy and Transportation, Energy Director,
1983 - 1985, Jackson, MS
Dept. of Energy and Transportation, Nuclear Waste
Program Director, 1980 - 1983, Jackson, MS
Mississippi Geological Survey, Chief of Environmental
Geology, 1971 - 1980, Jackson, MS
Mississippi State Highway Dept., Engineering Geologist,
1961 - 1971, Jackson, MS

4) Professional Publications:

*Environmental Geology Atlas No. 1, Brownsville,
Pocahontas, Raymond, and Clinton Quadrangles,
Hinds County, Mississippi*, 1973, MS Bureau of
Geology
*Environmental Geology Atlas No. 2, Madison, Ridgeland,
Jackson, and Jackson SE Quadrangles, Hinds,
Madison, and Rankin Counties, Mississippi*, 1975,
MS Bureau of Geology

5) Professional Memberships:

Policy Advisory Board, Mississippi Mineral Resources
Institute, University of Mississippi, 1988 to present
Mississippi Geological Society

6) Professional Certifications, Registrations and Licenses:

Reg. Prof. Geologist, Mississippi No. 0004
Reg. Prof. Geologist, Tennessee No. 2792

7) RPG Related Activities:

Board member (Past Vice President), 1997 - 2000,
Mississippi State Board of Registered
Professional Geologists
Geological Task Force, 1996 - 1997

JOHN E. MALANCHAK – Environmental Sector**1) Date of Birth:** 11/26/48**2) Degree(s):**

1970, Geology, BS, University of Southern
Mississippi
1973, Geology, MS, Western Michigan
University
2002, Geological Engineering, MS, University of
Mississippi

3) Work History:

Earth Consulting Group, Inc., Senior Geologist,
2003 to present, Madison, Mississippi
Ware Lind Furlow/Aquaterra Engineering, LLC,
Environmental Group Manager, 1985 - 2003, Jackson,
Mississippi
IT Corporation, Senior Geologist, 1983 - 1985, Baton
Rouge, Louisiana
Allen & Hoshall Engineers, Inc., Engineering Geologist,
1981 - 1983, Jackson, Mississippi
Environmental Geologist, Mississippi Geological Survey,
1975 - 1981, Jackson, Mississippi
Member of the Governor's Task Force/Mississippi

Department of Natural Resources for developing
Mississippi's Hazardous Waste Regulations.
D'Appolonia Consulting Engineers, Geologist, 1973 -
1975, Pittsburgh, Pennsylvania
City Water Department, Geologist, 1971 - 1973
Kalamazoo, Michigan

4) Professional Publications:

Malanchak, J., *Geology of Atwater Well Field,
Kalamazoo, Michigan*, 1973, University of Western
Michigan, Kalamazoo, Michigan
Kelley, D., DeBor, D., Malanchak, J. and Anderson,
D., *Tully and Deeper Formations and Brine
Analysis in Pennsylvania*, Pennsylvania Geological
Survey, OF-73-02

5) Professional Memberships:

Solid Waste Association of North America

6) Current Professional Certifications, Registrations and Licenses:

Reg. Prof. Geologist, Mississippi No. 0014
Reg. Prof. Geologist, Alabama No. 0064
Reg. Prof. Geologist, Florida No. 000076
Reg. Prof. Geologist, Tennessee No. 1936
Reg. Prof. Geologist, Arkansas No. 0119
Reg. Prof. Geologist, Texas No. 3546
Licensed Water Well Contractor, Mississippi
No. 495
Licensed Water Well Contractor, Florida No. 3014

7) RPG Related Activities:

RPG Advisory Committee

C. WINSTON RUSSELL (current board member) – Environmental Sector**1) Date of Birth:** 10/26/47**2) Degree(s):**

B.S., Geology, 1978, Florida State University,
Tallahassee, FL
M.S., Geology, 1985, Florida State University,
Tallahassee, FL

3) Work History:

Environmental Management Services, Inc., Vice
President, 1997 - present, Hattiesburg, MS
Environmental Consultant, 1988 - 1996, Hattiesburg,
MS
Woodward-Clyde Consultants, 1985 - 1988, Baton
Rouge, LA
University of Southern Mississippi, Geology, 1982 -
1985, Hattiesburg, MS
Virginia Polytechnic Institute and State University,
Geological Sciences, 1978 - 1981, Blacksburg,
VA
Florida State University, Geology, 1969 - 1978,
Tallahassee, FL

4) Professional Publications:

20 professional publications

5) Professional Memberships:

Mississippi Geological Society (member) National
Ground Water Association (member)

6) Current Professional Certifications, Registrations and

Licenses:

Reg. Prof. Geologist, Mississippi No. 0012
Reg. Prof. Geologist, Alabama No. 0128
Reg. Prof. Geologist, Arkansas, No. 0187
Reg. Prof. Geologist, Florida, No. 0000306

7) RPG Related Activities:

RPG Advisory Committee 1997 to June 2000
Board member, 2000 - 2004
Board Vice President, 2003 - 2004