

List of Speakers
MGWA Fall Conference
“Advances in Field Data Collection”
November 13, 2008

Martin Wangensteen - Bay West, Inc.

Martin Wangensteen has over 20 years experience managing environmental investigation and remediation programs for commercial, State, and Federal clients. Mr. Wangensteen is responsible for the execution of over \$165M in contract awards as Vice President of Environmental Federal Programs for Bay West, Inc. Mr. Wangensteen is a registered Professional Engineer and Professional Geologist, and a long-time member of the MGWA. He has been with Bay West for over 20 years and has helped grow the company into a highly respected environmental consulting and remediation firm with offices and project sites around the country.

Dan Kelleher – Midwest Geosciences Group

Dan is a hydrogeologist with expertise in managing projects with multi-faceted field analysis, computer modeling, aquifer testing and geotechnical laboratory components. Dan's specializes in "in-field analysis and project QA/QC" and has dissected project designs for improving overall performance. He teaches and organizes professional education courses for Midwest GeoSciences Group and contributes to McCain and Associates in Maple Plain, Minnesota. Today Dan will be sharing insight from his in-field analysis experience and contrasting some associated project management philosophies.

Education: Monmouth College (BA) and Northern Illinois University (MS) in Hydrogeology

Bill Olson – Dakota County

Education:

M.S. Geological Engineering (Hydrogeology), University of Minnesota, 1995.

Advisor: Professor Otto D.L. Strack

M.S. Forest Hydrology, University of Minnesota, 1993.

Advisor: Professor Kenneth N. Brooks.

B.S. Forest Resources (and Soil Science), University of Minnesota, 1986.

Experience:

Environmental Specialist, Well Inspector, and Hydrogeologist, 1996 to present
at Dakota County Water Resources Department

Research & Teaching Assistant, at University of Minnesota 1992 – 1994

Affiliations: MGWA, NGWA

BJ Bonin – WSB Associates, Inc.

BJ has 15 years of experience in geology, wells, and municipal engineering projects. His expertise lies in wellfield development and well construction including planning, design, cost estimating, and construction inspection. BJ also has experience in water main, reservoir, and sewer construction, as well as six years in the Minnesota Army National Guard. BJ's education includes a B.S. in Geology from Bemidji State University and a M.S. in Infrastructure Systems Engineering from The University of Minnesota.

Jason Kirwin - WCEC

Mr. Kirwin has over 18 years of experience in the environmental investigation and consulting field. As a Project Manager at WCEC, Mr. Kirwin manages a wide variety of projects including: petroleum investigation/remediation, ag-chem investigation/remediation, wetland delineation/mitigation, Environmental Assessment Worksheets (EAW), Environmental Impact Statements (EIS), NAPL definition and assessment, Wellhead Protection planning, and spill responses. He is also WCEC's Director of Market Development.

Education: B.A., Biology, University of Minnesota, Morris

Certifications: MDH Certified Well Contractor

MN Certified Wetland Delineator

MPCA Certified SSTS Designer/Inspector

Team Leader - Dept. Homeland Security Regional Chemical Assessment Team

Tim Cowdery - USGS

Tim Cowdery is a hydrogeologist who has worked for the USGS in Minnesota for 15 years. He has conducted ground-water research throughout Minnesota and eastern North Dakota, particularly in the Red River of the North basin. His interests include ground-water and surface-water interactions, ground-water recharge, land-use and climate-change effects on hydrology, and ground-water modeling. Tim received his Bachelor's Degree from Carleton College and his Master's Degree from the University of Minnesota, both in geology.

Michael Menheer - USGS

Michael Menheer is a hydrologic technician who has worked for the USGS in Minnesota for 15 years. He has assisted in and conducted ground-water studies throughout Minnesota and parts of North Dakota and Wisconsin. Ground-water sampling and data collection are his principal interests. Michael received his Bachelor's Degree from the University of St. Thomas in geology.

John Jansen – Aquifer Science and Technology

Mr. Jansen has a B.S. in Geology and a M.S. and Ph.D. in Geological Sciences with an emphasis in hydrogeology and geophysics, all from the University of Wisconsin-Milwaukee. He is the Senior Geoscientist for Aquifer Science and Technology, a division of Ruekert and Mielke, Inc., working on a wide variety of ground water resource issues around the country. John has over 25 years of experience in hydrogeology and

geophysics with a focus on water resources. He has sited over 100 high capacity wells in a wide variety of aquifers using many different geophysical methods. John holds three U.S. Patents on water well related technologies and is the lead author of the chapter on borehole geophysics in the third edition of Groundwater and Wells to be published in late 2007. He is a Professional Geologist in seven states, and a Registered Geophysicist in California. He currently the NGWA representative on the Advisory Council on Water Information, a federally appointed body that advises the federal government on water information and research needs and was on the Board of Directors for the Association of Groundwater Scientists and Engineers (Division of NGWA) from 2005 through 2007. He was also on the Board of Directors for the Environmental and Engineering Geophysical Society from 1998 to 2000.

Robert Thein – Thein Well Company

- *4th generation water well contractor
- *Current President of Minnesota Water Well Association
- *Certified Master Water Well Contractor
- *IGSPA Certified
- *Has been in the water well industry for over 30 years

Brad Oothoudt – Hole Products

Pat Conrad – Emmons & Olivier Resources, Inc.

Mr. Conrad has over 17 years of experience in water resources field. As a Project Manager at EOR, Mr. Conrad manages a wide variety of projects including: watershed planning and management, water quality modeling, wetland investigations, Lake Management Plans, and natural resource management, inventory, planning and assessment.

Education: B.A., Natural Resource & Environmental Studies, University of Minnesota

Scott Alexander - University of Minnesota's Department of Geology and Geophysics

Scott Alexander is the Minnesota Ground Water Association President-Elect for 2008. After receiving a Bachelor of Science degree in Geophysics in 1984, Scott worked with several Twin Cities companies developing shallow geophysical techniques and monitoring systems for underground storage tanks. Since 1987, Scott has worked full time for the University of Minnesota as a field and lab coordinator for the Department of Geology and Geophysics. He also advises University staff on storm water and ground water issues affecting the campus environment. He has private consulting experience in projects using chemical and isotopic tracers to help solve ground water problems, such as fluid flow with residence times ranging from hours and days to tens of millennia.