

Maryland Ground Water Symposium
Thursday, September 25, 2008
Martins West
6817 Dogwood Road, Baltimore, Maryland 21244

Morning Plenary: *Embassy Room*

9:00 - 9:10	Welcome and Opening Remarks
9:10 - 9:35	Keynote Address The Honorable Frank M. Johnson, Mayor of Mount Airy, Maryland
9:35 - 10:00	<u>Management and Protection of the State's Water Resources: Governor's Advisory Committee Final Report</u> Brigid Kenney, Planning Director, Office of the Secretary, Maryland Department of the Environment

Break 10:00-10:20

Morning Concurrent Sessions

<i>Wayne Room</i>	<i>Maryland Room</i>	<i>Regency Room</i>	<i>Embassy Room</i>
Coastal Plain	Water Reuse	Drinking Water	Onsite Disposal Systems
Morning Session One (10:20 – 10:50)			
<u>Arsenic Distribution and Occurrence in Ground Water From Coastal Plain Aquifers In Maryland</u> David Drummond Maryland Geological Survey	Laying the Groundwork at the Local Level for Water Reuse Projects Robert Mitchell, RS, Worcester County Dept of Environmental Programs Rebecca Kugel, Howard County Dept of Public Works	<u>Overview of the Ground Water Rule</u> Nick Tymchenko Drinking Water Branch US Environmental Protection Agency Region III	Onsite Systems: Should They Be Used to Regulate Growth? Gene von Gunten, RS Montgomery County Dept of Permitting Services
Morning Session Two (10:55 – 11:25)			
<u>Hydrology and Geochemistry Near Existing and Former Wetlands in the Upper Choptank Watershed, Maryland</u> Judith M. Denver US Geological Survey	<u>Towards Zero Discharge –The Greening of Gray Water</u> Larry Zinser Master Water Conditioning Corporation	<u>Implementation of the Ground Water Rule</u> Travis Sterner, RS Water Supply Program MD Dept of the Environment	<u>Howard County's Program for Shared Sewage Disposal Facilities</u> Rebecca D. Kugel Howard County Dept of Public Works
	Aquifer Evaluation		
Morning Session Three (11:30 - 12:00)			
<u>Aurora Hills Stream and Wetland Restoration Project</u> Keith Underwood Underwood & Associates	<u>Do Hydraulic Conductivity Values in Varying Geologic Settings Depend on Selection of Slug Testing Field Methods and Data Evaluation Techniques?</u> Amy Martinez Advanced Land and Water, Inc	<u>Required Changes to Sanitary Surveys per the Ground Water Rule</u> Dee Whitcomb, RS Water Supply Program MD Dept of the Environment	<u>Capacity Allocation Model for OS Permitting and County Comprehensive Planning</u> Craig Goodwin, NCS Wastewater Solutions Anish Jantrania, VA Dept of Health

Lunch 12:00 – 1:00: Terrace and Camellia Rooms

Afternoon Plenary: Embassy Room

1:00 – 1:35

Laboratory Emergency Preparedness and Response Capabilities

Prince Kassim, PhD, Chief, Analytical Services, Division of Environmental Chemistry, Maryland Department of Health and Mental Hygiene

1:35 – 2:00

EPA's Draft "National Water Program Strategy: Response to Climate Change"

Elizabeth Corr, Associate Director, Drinking Water Protection Division, Office of Ground Water and Drinking Water, US Environmental Protection Agency

Afternoon Concurrent Sessions

Wayne Room		Maryland Room		Regency Room		Embassy Room	
Coastal Plain		Fractured Rock		Drinking Water		Onsite Disposal Systems	
Afternoon Session One (2:05 – 2:35)							
<u>Empirical Methods for Estimating Water Use in the Ft. Meade-Aberdeen Proving Ground Area, Maryland</u> Marilee Horn and Mark R. Nardi US Geological Survey		<u>Repeatability and Reliability of Fracture Trace Analysis</u> Ethan O. Weikel SAIC		<u>An Overview of Well Performance Studies and Practical Implementation</u> Jim Bailey Kleinfelder, Inc		<u>Ground Water/Surface Water Interaction and Evidence of Septic Waste Contamination, Charles Co, Maryland</u> Michelle M. Lorah, US Geological Survey	
Afternoon Session Two (2:40 – 3:10)							
<u>Baseline Ground Water and Surface Water Quality Data Collection and Analysis For Little Blackwater Watershed</u> Brandon J. Fleming US Geological Survey		<u>Naturally-Occurring Radionuclides and the Radionuclide Rule – What You Measure May Not Be What You Want – A Case Study for Poolesville, Maryland</u> Kathleen Mihm S.S. Papadopoulos & Associates, Inc		<u>Assessing and Assigning Surface Water Treatment Rule Numbers for Fractured Rock Ground Water Sources</u> Allison Tritt, RS Water Supply Program MD Dept of the Environment		<u>Geographic Information System Applications - Case Study</u> Leigh Broderick, RS Bureau of Environmental Health Carroll County Health Dept	
Break 3:10 – 3:25							
Water Quality				On the Forefront			
Afternoon Session Three (3:25 – 3:55)							
<u>Water Quality Data Exchange</u> Ming Jiang Science Services Administration MD Dept of the Environment		<u>Tier II Anti-Degradation Case Studies</u> Matthew Rowe Science Services Administration MD Dept of the Environment		<u>Geothermal Wells</u> Barry Gloffetty, RS Wastewater Permits Program MD Dept of Environment		<u>Onsite Sewage Disposal of High Strength Wastewater</u> Don Hammerlund, RS Wastewater Permits Program MD Dept of the Environment	
Afternoon Session Four (4:00 – 4:30)							
<u>SWISS: Innovative Discrete Interval Sampling for Detection and Assessment of Contaminants</u> Brian P. Shedd Kleinfelder, Inc		<u>Ground Water Withdrawals and Surface Water Impacts in the Appalachian Basin</u> William J. Seaton ARM Group, Inc		<u>Emerging Contaminants</u> Simin Rezai Wastewater Permits Program MD Dept of the Environment		<u>Bay Restoration Fund Onsite Sewage Disposal System</u> Joshua Flatley Wastewater Permits Program MD Dept of the Environment	