

Maryland Groundwater Symposium Agenda At a Glance

Wednesday, September 24, 2014

MORNING PLENARY: EMBASSY ROOM

9 – 9:15 a.m.	Welcome and Opening Remarks
9:15 – 9:45 a.m.	Keynote Address – Robert M. Summers, Ph.D., Secretary, Maryland Department of the Environment
9:45 – 10:15 a.m.	MDE and Local Health Join to Improve Water Quality – Mark Williams, Conference of Environmental Health Directors
10:15 – 10:45 a.m.	The Future in Water Availability Science at the USGS - Eric J. Evenson, Water Program Office, U.S. Geological Survey

Note for TRE and Sanitarian hours: Use this to mark the sessions you attended and submit to the Board.

	Maryland Room Source Water Protection	Wayne Room Groundwater Flow, Modeling, and Contaminant Transport	Embassy Room On-Site Sewage Disposal and Local Issues	Regency Room Drinking Water, Wells, and Water Use
11:05 - 11:35 a.m.	Groundwater Availability in the Appalachian Plateaus <i>Kurt J. McCoy</i> <i>U.S. Geological Survey</i>	Lead and Hexavalent Chromium Groundwater Investigation, Green Valley, Monrovia, Frederick County, Maryland <i>Christopher H. Ralston</i> <i>Maryland Department of the Environment</i>	MiniMBR™... Finally, an Affordable and Energy Efficient MBR (membrane bio-reactor) Treatment Process for Small Flows <i>Robert Kershner</i> <i>Kershner Environmental Technologies, LLC</i>	Innovative Agricultural Practices to Mitigate Groundwater Nutrient Contamination <i>Jason Keppler</i> <i>Maryland Department of Agriculture</i>
11:45 a.m. - 12:15 p.m.	Patuxent Aquifer Test Drilling in the Waldorf Area, Charles County, Maryland <i>Andrew Staley</i> <i>Maryland Geological Survey</i>	Stormwater Management Basins and Road Salt Loading to Groundwater in Baltimore County <i>Joel Moore, Ph.D.</i> <i>Towson University</i>	Tricks of the Trade: Remediating Failing Septic Systems <i>Richard Piluk</i> <i>Anne Arundel Co. Department of Health</i>	Sewage Sludge Management Update <i>Allison Marong</i> <i>Maryland Department of the Environment</i>

LUNCH 12:15 - 1:30 p.m.

1:30 - 2 p.m.	The Role Hydrology will Play in Stabilizing Afghanistan <i>Christopher A. Gellasch, Ph.D.</i> <i>Uniformed Services University of the Health Sciences</i>	Overview of Groundwater Quality for Maryland, Delaware and the District of Columbia <i>Brandon Fleming</i> <i>U.S. Geological Survey</i>	The Chesapeake Water and Septic Homeowner Education (WaterSHed) Project <i>Daphne Pee</i> <i>University of Maryland</i>	Animal Feeding Program Update <i>Gary F. Kelman, MS, CEP</i> <i>Maryland Department of the Environment</i>
2:05 - 2:35 p.m.	Lessons from Development of Source Water Protection Plans, Central Maryland (2012-2014) <i>Harvey A. Cohen, Ph.D., P.G.</i> <i>S. S. Papadopulos and Associates</i>	Software Enabled Stakeholder Engagement: Contamination Monitoring and Clean-Up <i>Timothy Seiple</i> <i>Pacific Northwest National Laboratory</i>	Cooperative Efforts to Address Nitrogen in the Chesapeake Bay Watershed <i>Jay Prager</i> <i>Maryland Department of the Environment</i>	Base Flow Discharge to Streams and Rivers: Terminology, Concepts, and Base flow Estimation Using Optimal Hydrograph Separation <i>Jeff P. Raffensperger, Ph.D.</i> <i>U.S. Geological Survey</i>

BREAK 2:35 - 2:50 p.m.

2:50 - 3:20 p.m.	Maryland Water Appropriation and Use Permits - Evaluation Data, Tools and Methods <i>Sam Glover and Mahmoud Mahmoud</i> <i>Maryland Department of the Environment</i>	Incorporating Groundwater Quality Data from Multiple Data Sets into a GIS-Based Format: The Garrett County Experience <i>Heather Quinn</i> <i>Maryland Geological Survey</i>	Bay Restoration Fund Moving into the Future <i>Joshua Flatley</i> <i>Maryland Department of the Environment</i>	Model Development for Three-Dimensional Land Movement Simulation due to Groundwater Pumping from an Aquifer System <i>Dong Hee Kang, Ph.D., P.E.</i> <i>Morgan State University</i>
3:25 - 3:55 p.m.	Fracking a Municipal Supply Well: An Unexpected Success Story from the Maryland Piedmont <i>Mark W. Eisner, P.G.</i> <i>Advanced Land and Water, Inc</i>		The Transient Water System Sanitary Survey “What are we looking for?” <i>Travis E. Sterner</i> <i>Maryland Department of the Environment</i>	Master Watershed Stewards: Recharging Maryland’s Aquifers - One BMP at a Time <i>Terry R. Matthews, M.S.</i> <i>Charis Communications Counselors, Inc. & Howard County’s Watershed Stewards Academy</i>

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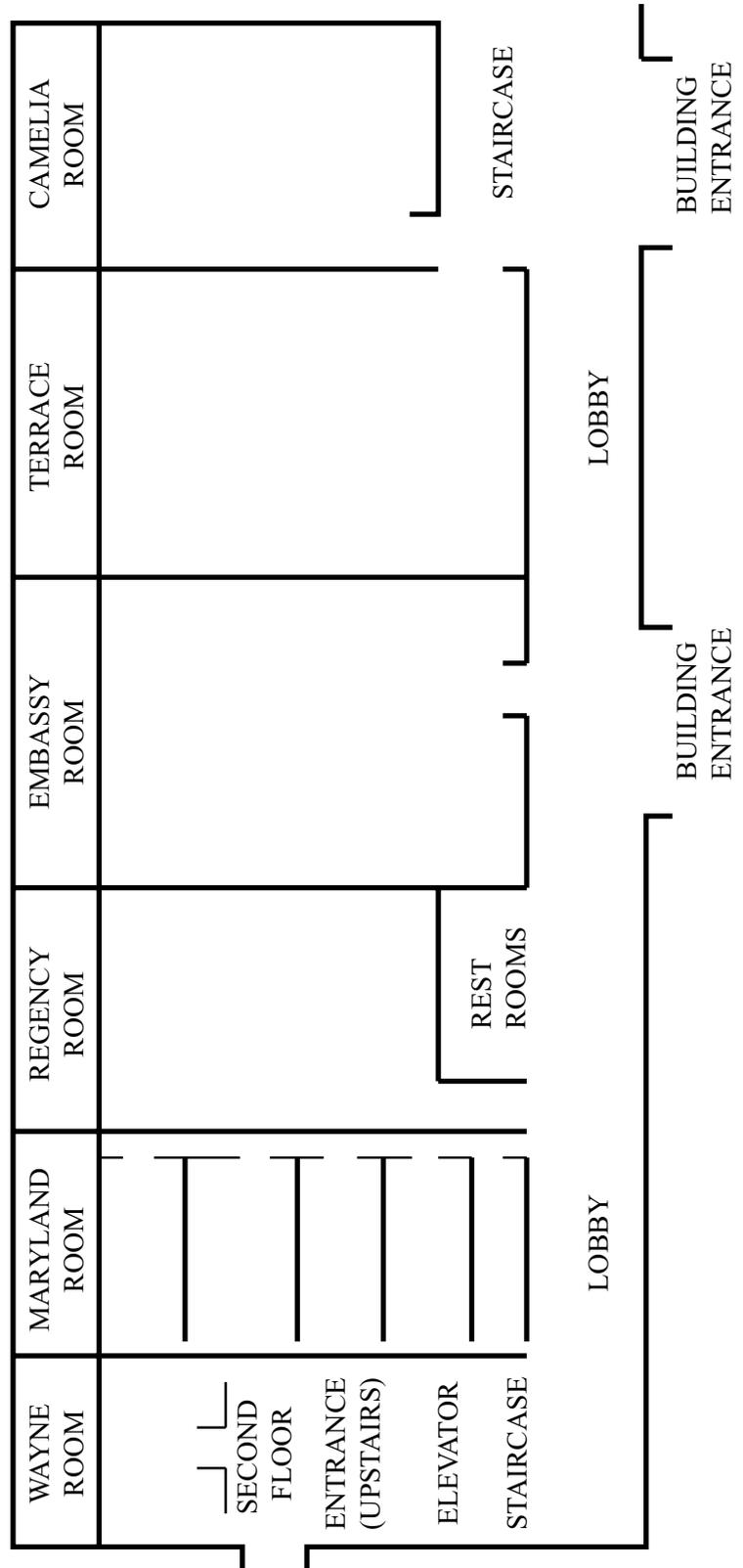


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