



## Improving Implementation of Nutrient Management Plans

**June 24, 2011**

2:30 pm (eastern), 1:30 pm (central), 12:30 pm (mountain), 11:30 am (pacific)

A NMP must be fully implemented by regulated AFO operators to qualify for the agricultural storm water exemption when land applying animal waste. Both regulated and non-regulated AFOs should implement a NMP to protect water quality and improve farm management, productivity, and profitability. This webcast will cover three topics to help AFO operators understand how terms of CAFO discharge/operating permits relate back to the NMP, and how the NMP implementation can be improved and better documented: (1) U.S. EPA NMP permit terms, (2) perspectives on how better implement a NMP and (3) improved record keeping. *An application for continuing education credit for Certified Crop Advisors (CCAs) and members of the American Registry of Professional Animal Scientists (ARPAS) has been submitted.*



**Caitlin Conover** (formerly Kovzelove) has served as an environmental scientist in the Office of Wastewater Permitting with the US EPA in Washington D.C. since 2007. Within the Office of Wastewater Permitting, Caitlin works on the national NPDES permitting program for CAFOs and focuses on nutrient management requirements. Caitlin holds a M.S. in plant and soil science from The University of Kentucky. Email:

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**Kevin Erb** is the Conservation Professional Development and Training Coordinator for University of Wisconsin-Extension. Kevin holds an M.S. in Environmental Science and Policy from the University of Wisconsin-Green Bay and has nineteen years experience working with farmers and rural landowners on nutrient management and environmental issues. He is the lead advisor to the board of the Professional Nutrient Applicators Association of Wisconsin (PNAAW), and assists applicators and Extension educators on commercial applicator education in 5 states. Phone: (920) 391-4652; Email: [kevin.erb@ces.uwex.edu](mailto:kevin.erb@ces.uwex.edu)



**Rachel Mueller** is a Certified Crop Advisor and owner of Cornerstone Crop Consulting, LLC of Princeton, Wisconsin. Rachel founded Cornerstone 6 years ago after 22 years as a retail agronomist and Agronomy Manager with several co-ops. She provides both NMP and crop scouting services in south central Wisconsin. Cornerstone provides NMP services for 30 farms, ranging in size from small family farms of 35 cows to farms with 1,700 permitted as CAFOs with manure digesters or other treatment systems. Email:

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**Melony Wilson** is the Animal Waste Specialist for the University of Georgia. She has statewide responsibilities working with county agents, livestock producers, and NMP writers in the areas of environmental regulations, and using proper nutrient management planning, implementation, and record keeping. Melony received a M.S. degree from the University of Arkansas in Crops, Soils, and Environmental Science. She has been working in the area of nutrient management and water quality for 12 years. Phone: (706) 542-2735; Email: [mlwilson@engr.uga.edu](mailto:mlwilson@engr.uga.edu)



**Shawn Hawkins** is an Assistant Professor at the University of Tennessee in the Biosystems Engineering and Soil Science Department. He has a split appointment between the University of Tennessee Extension, in which he serves as an Animal Waste Management Specialist, and AgResearch, where he conducts applied agricultural research relating to the environmental impact of livestock and poultry management. He received a Ph.D. in Civil Engineering (Environmental Engineering concentration) from the University of Tennessee, Knoxville. Phone: (865) 974-7722; Email: [shawkins@utk.edu](mailto:shawkins@utk.edu)

### How Do I Participate?

On the day of the webcast, go to [http://www.extension.org/pages/Live\\_Webcast\\_Information](http://www.extension.org/pages/Live_Webcast_Information) to download the speaker's power point presentations and connect to the virtual meeting room. First time viewers should also follow the steps at: [http://www.extension.org/pages/How\\_Do\\_I\\_Participate\\_in\\_a\\_Webcast%3F](http://www.extension.org/pages/How_Do_I_Participate_in_a_Webcast%3F).

### Links For More Information:

- \* Animal Waste Management [http://www.wsi.nrcs.usda.gov/products/w2q/awm/awm\\_home.html](http://www.wsi.nrcs.usda.gov/products/w2q/awm/awm_home.html)
- \* Animal Waste Awareness in Research and Extension <http://agp2.org/AWARE/>

The LPE Learning Center is a project dedicated to the vision that individuals involved in public policy issues, animal production, and delivery of technical services for confined animal systems should have on-demand access to the nation's best science-based resources. See our website at: <http://www.extension.org/animal+manure+management>.