

## **Appendix P - Biographies of Agricultural Waste Beneficial Management Practice Advisory Group Members**

### **Swine and Poultry Subgroup Leader:**

#### **Jacobson, Larry, PhD, P.E.**

Larry D. Jacobson is a professor and extension engineer and livestock housing specialist in the Department of Bioproducts & Biosystems Engineering at the University of Minnesota. Special research and extension emphasis areas are: air quality and emissions for both animal and human health concerns, environmentally safe manure management systems, and economical facilities for livestock and poultry. He is a registered Professional Engineer (P.E.) in the State of Minnesota.

### **Bovine Subgroup Leader:**

#### **J. Mark Powell, PhD**

J. Mark Powell is a Research Soil Scientist with USDA-Agricultural Research Service based at the US Dairy Forage Research Center in Madison Wisconsin. Dr. Powell is also a Professor in the Department of Soil Science at the University of Wisconsin-Madison. Mark utilizes soil, crop, animal and social sciences in an agro-ecological approach to understand nutrient cycling and air emissions from dairy farms. The scientific information collected by his research has been used to develop recommendations about how to integrate dietary, livestock management, and manure handling practices into comprehensive nutrient management programs; and to identify management practices that bring individual farms into better nutrient balance and reduce emissions of ammonia and greenhouse gasses while maintaining farm productivity and profitability. Mark is an alum of Clemson University, Cornell University, and Texas A&M University. Currently he has collaborative research projects in Australia, India and China.

## **Swine and Poultry Subgroup Members:**

### **Asche, Loren E. , BBA.**

Loren Asche is currently the Vice President of Production for Daybreak Foods, Inc. He has held the position for 22 years and has worked for 34 years of egg industry management experience. He is the Past President of the Wisconsin Egg Producers Association, Past Board Member of the American Egg Board, and earned a BBA at UW Eau Claire.

### **Meyer Smith, Amber**

Amber Meyer Smith is the Program Director at Clean Wisconsin, an environmental non-profit group committed to clean air, clean water and clean energy issues. She develops the overall direction and long-range strategy for environmental policy, and is the principal government liaison for the organization. Prior to joining Clean Wisconsin, Amber served as a Policy Analyst for State Senator Bob Wirch (D-Kenosha) for six years and then as Legislative Liaison at the Wisconsin Department of Natural Resource for four years. Amber is a Fox Valley native who earned her Bachelor of Science degree in political science from UW-Madison.

### **Murphy, Patrick, M.S.**

Pat Murphy is a graduate of UW-Stevens Point where he received degrees in Soil Science and Water Resources. Pat works for the Natural Resource Conservation Service, as the State Resource Conservationist in Madison, WI. He oversees the development and implementation of NRCS non-engineering practice standards, interprets program and conservation planning policy, oversees technical training of staff, and performs quality control activities. Pat is a Certified Crop Advisor as well as Conservation Planner.

### **Taglia, Peter, M.S.**

Pete Taglia is a professional geologist who is currently working in numerous aspects of environmental policy and climate change mitigation, with an emphasis on electrical generation, terrestrial and geological carbon sequestration, and biofuels analysis. Peter has done extensive work with Governor Doyle's Task Force on Global Warming, the Midwestern Governors Association and the Wisconsin Legislative Council. Prior to Clean Wisconsin, Peter worked as an environmental consultant, conducting environmental investigations, preparing environmental remediation plans and writing impact statements. Peter is a board member of the Wisconsin Public Utility Institute, a steering committee member of the Wisconsin Bioenergy Initiative, a member of the Focus on Energy Environmental Research Forum and a member of the Wisconsin Bioenergy

Advisory Council. Peter holds a BA in environmental geology from the University of Montana and a MS in hydrogeology from the UW-Madison.

**Thiboldeaux, Robert, PhD.**

Robert Thiboldeaux is a toxicologist working with the Wisconsin Bureau of Environmental and Occupational Health, Department of Health Services since 2000. His formal training includes toxicology, biochemical ecology, and the biological control of forage crop insects. Currently, he is funded to work on the public health evaluation of superfund sites and other chemically damaged properties in Wisconsin, under a cooperative agreement with the federal Agency for Toxic Substances and Disease Registry (ATSDR). He also works on developing science policy on a wide range of environmental health issues in the state. In recent years, his work has included performing air quality assessments around some large animal feedlots in Wisconsin.

**Wehler, Michael**

For the past 40 years, Mike Wehler has been the owner of Upland Prairie Farm, a 700-acre farm near Plain, Wis., where he has operated a farrow to finish swine operation, raises beef cattle, and grows soybeans, corn, alfalfa, and hay. Upland Prairie Farm has been in his wife's family for over 100 years.

Mike is actively involved in industry-related organizations. He is Executive VP for the Wisconsin Pork Association (WPA) working primarily in the areas of public policy, member services and all board activities. Mike has been an active member of the WPA for 40 years and has served as president at both the state and national organizations. Mike currently serves as chairman of the U.S. Pork Center of Excellence. In 2004, Mike received the NPPC's Pork Industry Hall of Fame Award – the pork industry's most prestigious award.

Mike earned a Bachelors of Science degree in agricultural education from the University of Wisconsin-Platteville, Wis. After college, Mike taught high school agriculture classes in Cassville, Wisconsin and moved from teaching to the family farm. Mike is also active in his community and currently serves on the bank board in Prairie du Sac, Wis.

## **Bovine Subgroup Members:**

### **Breitenmoser, Hans, Jr.**

Hans Breitenmoser Jr. is a life-long dairy and crop farmer and former hog farmer. He serves on the Farm Service Agency County Committee for Lincoln and Langlade Counties, the Lincoln County Board of Supervisors Land Information and Conservation Committee as the Farm Service Agency Representative, the Lincoln County Agriculture and Natural Resources Advisory Committee, Merrill Area Public Schools Agriculture Advisory Committee and is a delegate to the Genex Cooperative.

Breitenmoser's farm currently consists of 400 mostly Holstein dairy cows with a 29,000 lb. rolling herd average. The dairy herd is housed in sand-bedded free stalls. All replacement heifers are raised on managed pasture. Along with family members, the farm's thirteen employees manage the dairy and replacement cattle and 1200 acres of crop land upon which corn, soybeans, alfalfa, and grass mixes are grown using a 590 nutrient management plan.

### **Buelow, Kenn, D.V.M., M.S.**

Kenn Buelow is a dairy manager and part-owner of Holsum Dairies. He performs tasks including site selection, design & construction, and operational development & management of two 4,000 cow dairy operations. Both dairies have an environmental management system and participate in the Green Tier program. He became a Clinical Specialist in Dairy Production Medicine, at the College of Veterinary Medicine, University of Minnesota, and owned a veterinary practice, Dairy Health & Production Service, Roswell, NM. The emphasis of the practice was on management, nutrition, finance, milk quality, and reproduction. Kenn has earned several academic degrees including a BS in Physics/Math; MS in Geology/Geophysics, MS in Veterinary Science, Doctor of Veterinary Medicine, Residency in Food Animal Production Medicine.

### **Busch, Dennis, PhD.**

Since 2004, Dennis Busch has been working at the University of Wisconsin-Platteville Pioneer Farm; initially serving as Research Analyst prior to his current position as Research Manager. Pioneer Farm, located in the driftless area of southwest Wisconsin, is a unique, producer-driven agricultural systems research program. From 1995 to 2002, Dennis served as a Manure Management Extension Educator in the University of Minnesota Extension Service, assisting livestock and crop producers better utilize manure with minimal environmental impact.

Dennis received his Bachelor's of Science degree from the University of Wisconsin – Platteville in 1991, and in 1995 he completed his Master's of Agriculture Industries

program. In 2005, Dennis earned his Doctoral Degree in Water Resources Science from the University of Minnesota.

**Pofahl, Robert, P.E.**

Bob Pofahl is a Professional Registered Engineer (PE), has over 35 years of engineering experience, and holds a B.S. and M.S., Agricultural Engineering, University of Wisconsin, Madison. His focus is on engineering aspects of environmental compliance, water resource management, and land development, with consideration of regulatory requirements and procedures. Responsibilities are for overall company management and Principle Engineering design and review.

**Dairy facilities:** experience includes development of plans and design reports for new and expanded dairies, including barn and parlor siting and grading plans, manure handling, treatment and storage systems, stormwater management and erosion control plans. The emphasis of plans and reports are for submittal to County and State Permitting authorities for approval of manure handling and stormwater systems, and for conformance to NRCS construction and conservation practice criteria. The primary project emphasis has been in Wisconsin and the upper Midwest including Minnesota, Iowa, and Illinois. Projects have included expansions and modernization of small family dairies, and large dairies including Central Sands Dairy in Juneau County, Nehls Brothers Dairy in Juneau, Blue Star Dairy in Arlington, Crave Brothers Dairy in Waterloo, Tag Lane Farm in Ixonia, Cottonwood Farm in Wiota, Doerfer Farm in Fitchburg, Blue Star Dairy, Dane and Columbia County, and Williams Brothers in Broadhead, Wisconsin.

**Saul, James**

Jamie Saul is a public interest environmental attorney in private practice in Madison, Wisconsin. Formerly with Midwest Environmental Advocates, Mr. Saul currently represents individuals and nonprofit organizations in the Midwest and nationally in matters arising under the Clean Water and Clean Air Acts and other environmental laws.

**Struss, Steve**

Steve Struss obtained a B.S. in Civil (Environmental) Engineering from the University of Illinois in 1975. He spent the next eight years as an Environmental Researcher in air and water pollution control with the Army Corps of Engineers, and as a Project Engineer for an engineering consulting firm designing wastewater treatment plants. He moved to Wisconsin in 1983 where he became a registered professional engineer and worked as a Design Engineer and Project Manager for a mechanical contractor, a Staff Engineer for an accident reconstruction firm, and a Sole Proprietor of his own business designing and installing packed wastewater treatment systems. In 1991 he began working as an Agricultural Engineer for the Wisconsin Department of Agriculture, Trade and Consumer

Protection (DATCP). For sixteen years he worked in the areas of erosion control and animal waste management, providing technical support to field staff and county land conservation departments. He has served on a number of statewide technical committees, and was instrumental in developing the odor standard and the livestock facility siting rule (ATCP 51). In June of 2007 Steve took the position of Livestock Facility Siting Engineer. DATCP created this position to provide technical assistance to farmers and local units of government with properly siting new and expanded livestock operations throughout Wisconsin.