

APPENDIX II

Key Participant Credentials

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Deborah Swackhamer, PhD, University of Minnesota

Dr. Swackhamer is Professor of Environmental Chemistry in the Division of Environmental Health Sciences, School of Public Health. Dr. Swackhamer is an international expert in the chemical and biological processes that control the fate of toxic organic contaminants in the aquatic environment, particularly bioaccumulation of persistent compounds in fish in the Great Lakes; the processes that control exposure to environmental estrogenic compounds; and the development of contaminant indicators of ecosystem health. Dr. Swackhamer is Interim Director of the Institute on the Environment, and co-Director of the Water Resources Center, and currently sits on the Science Advisory Boards of the US EPA and the International Joint Commission of the US and Canada. She also serves on the Advisory Board for the National Undersea Research Program of NOAA for the North Atlantic-Great Lakes region, and the Board of Scientific Councilors of the US EPA. She was appointed by Governor Pawlenty to serve in the Clean Water Council in 2007. Dr. Swackhamer is a member of the Editorial Advisory Boards for the journals *Environmental Science & Technology* and *JEM: Journal of Environmental Monitoring*.

Jean Coleman, JD, MA, Project Coordinator, CR Planning, Inc.

Ms. Coleman has proven skills in managing complex teams over tight timeframes and extensive knowledge of using natural resource information in land use planning and zoning. In addition to serving on the core management team, Ms. Coleman will serve as the consultant team project coordinator. Her primary role is to manage internal communication, document creation, and supervise project support personnel. Ms. Coleman has extensive experience in natural resource and farmland protection, preparing comprehensive land use plans and zoning ordinances, group process facilitation, and growth management. Her work combines her interests in planning and law by using public participation and conflict resolution techniques to develop policies, ordinances, and programs. She enjoys working in a variety of landscapes and has managed multiple projects at the neighborhood, township, county and regional scale.

Todd Arnold, PhD, University of Minnesota

Dr. Arnold is Associate Professor of Fisheries, Wildlife and Conservation Biology. He has also worked extensively with environmental NGO's, including stints as Senior Scientist for Ducks Unlimited Canada and Scientific Director for Delta Waterfowl Foundation. His research focuses on prairie- and wetland-dependent wildlife, especially waterfowl. He has worked on numerous regional issues in waterfowl management, including development of a Decision Support System for conservation planning in the Canadian Prairie Pothole Region.

Paul Bockenstedt, MA, Bonestroo

Mr. Bockenstedt has over 23 years of experience in the natural resources field including 13 years of experience with State and County agencies in Iowa and Minnesota, and most recently nine years working throughout the upper Midwest at Bonestroo. He has been involved with natural resources inventory, conservation, management and planning at the local, county, regional, watershed and state levels in Minnesota and Iowa since 1992. He has served as the project manager and/or lead ecologist for over 100

natural resource and recreation/parks planning projects and botanical inventories and written over 125 ecological restoration plans during his career. In addition, he has numerous publications and presentations to his credit.

George Host, PhD, University of Minnesota

Dr. Host is a Senior Research Associate and Landscape Ecologist with the Natural Resources Research Institute at the University of Minnesota - Duluth, and Director of the Natural Resources Geographic Information System laboratory at UMD. He currently is principal or co-principal investigator on 15+ research projects distributed across the fields of forest ecology, ecological assessment and indicator development, plant response to atmospheric pollutants, linkages between terrestrial and aquatic systems (particularly with respect to stormwater issues), and data visualization and spatial analyses for land use planning. Dr. Host has over 50 refereed publications, and has served on advisory panels for the MN Dept of Natural Resources, the MN Forest Resources Council, and numerous county and municipal groups. George Host is currently involved in a GIS analysis to identify lands of high conservation value for the development of conservation easements through the Forest Legacy Program.

Anne R. Kapuscinski, PhD, University of Minnesota

Dr. Kapuscinski is Professor of Fisheries, Wildlife and Conservation Biology and co-leads the Ecosystem Science and Sustainability Initiative funded by the Bush Foundation. She has broad expertise on how technologies from dams to fish hatcheries to genetic engineering affect fish conservation and is active in analysis and formulation of policies fostering sustainability of aquatic biodiversity. She holds a Pew Marine Conservation Fellowship, the world's preeminent marine conservation award, has advised three past Secretaries of Agriculture and serves on advisory committees to the FDA and various agencies of the United Nations.

Lance Neckar, MLA, University of Minnesota

Professor Neckar is Professor of Landscape Architecture and conducts applied research on the relationships between urban development and the sustainability of water and other resources. His current teaching focuses on sustainable infrastructure. He also brings over 20 years of experience as a registered landscape architect with several award-winning urban design projects. He is acting Director of the Metropolitan Design Center.

Randy Neprash, BS, Bonestroo

Mr. Neprash is a Stormwater Regulatory Specialist and Engineer with the Water and Natural Resources Group at Bonestroo. He has served as the technical/administrative consultant for the coalition of more than 100 cities regulated under the NPDES MS4 Stormwater Permit program for more than four years. In this capacity, he has represented cities on the Minnesota Stormwater Steering Committee (MnSSC) and its Operations Subcommittee since its conception. The MnSSC is charged with informing, advising, and coordinating stormwater management efforts across the state. It also provides support for other programs that include stormwater components such as: impaired waters, shoreland management, drinking water source water, wetland management, MN Nonpoint Source Management Plan, federal funding programs, groundwater recharge, watershed organizations, surface water management plans.

Gerald Niemi, PhD, University of Minnesota

Dr. Gerald Niemi is Professor of Biology and Director of the Center for Water and the Environment at the Natural Resources Research Institute at the University of Minnesota, Duluth. He also was a Fulbright-Hays scholar to Finland. His primary research interests include birds, Great Lakes ecosystems, conservation biology, and sustainability of natural resources. He has written over 200 articles, publications, book chapters, and technical reports. He has received more than \$18 million in research funding. Dr. Niemi regularly teaches Ornithology and Conservation Biology.

Ingrid Schneider, PhD, University of Minnesota

Dr. Schneider is an Associate Professor in Forest Resources and Director of the University's Tourism Center. She has broad experience in visitor behavior in outdoor recreation management and sustainable tourism with particular emphasis in visitor attitudes, conflict and constraints. She is a member of the Governor's Council on Tourism.

John Shardlow, BS, Bonestroo

Mr. Shardlow is past president and co-founder of DSU. He has extensive and wide-ranging experience serving clients in both the public and private sectors, and has led many multi-disciplinary teams of consultants in large, complex planning projects. His skills include comprehensive and community planning, project planning, re-development planning, regulations, and environmental assessments. He is a faculty member of the Government Training Service, and is a member of the America Institute of Certified Planners, the American Planning Association, Minnesota Planning association, and past president of the Minnesota chapter of the Community Association Institute. He is a past president of the Sensible Land Use coalition, and currently serves on the executive Committee of the Twin Cities Chapter of the Urban Land Institute (ULI).

Matt F. Simcik, PhD, University of Minnesota

Dr. Simcik is an Associate Professor of Environmental Health Sciences in the School of Public Health. He has broad expertise on air toxics and their interactions with aquatic and terrestrial systems. He is currently President of the International Association of Great Lakes Research.

Sangwon Suh, PhD, University of Minnesota

Dr. Suh is an Assistant Professor focusing his research on environmental and economic systems analysis in the interface between engineering, economics, ecology and public policy. His expertise lies on building and management of database, mathematical modeling and systems analysis. For the last five years he authored or co-authored around 30 peer reviewed journal articles, 2 books and 2 commercial databases. He is an Associate Editor of the International Journal of Life Cycle Assessment and serves on the editorial boards of economics and engineering journals. He advises Eco-Industrial Development Council (EIDC) and the European Commission's Directorate General, the Environment on its Integrated Product Policy (IPP).