**PROJECT TITLE:**  Lignin-coated fertilizers for phosphate control

**2020 LCCMR Project Manager Qualifications and Organization Description**

**Dr. Eric Singsaas, Natural Resources Research Institute, University of Minnesota Duluth**

**EDUCATION**

Ph.D. 1997 University of Wisconsin – Madison Plant Physiology and Biochemistry

B.A. 1992 Concordia College – Moorhead Biology and Chemistry

**RELEVANT RESEARCH EXPERIENCE**

2009 – 2015 Research Director Wisconsin Institute for Sustainable Technology, University of Wisconsin Stevens Point

2001 – 2015 Professor of Biology, University of Wisconsin Stevens Point

2000 – 2001 Associate Research Scientist, University of Michigan

1998 – 2000 Postdoctoral Scientist, Department of Plant Biology, University of Illinois

**KEY QUALIFICATIONS**

**Dr. Eric Singsaas** is the Director for the Bioeconomy and Materials Research Group at the University of Minnesota’s Natural Resources Research Institute. He holds a BA in biology and chemistry from Concordia College in Minnesota and a Ph.D. in plant physiology and biochemistry from the University of Wisconsin. Before joining the NRRI he was a professor of biology and forestry at the University of Wisconsin Stevens Point, where he co-founded the Wisconsin Institute for Sustainable Technology to promote economic development through innovation in the agricultural and forest products industry. He holds patents in woody biomass processing and bio-based chemical production from engineered microbes. In addition to applied technology development, Dr. Singsaas has more than 30 academic publications in the fields of plant-environment interactions and forest responses to climate change. He holds patents in biorefinery technology development and founded two bioeconomy spinout companies.

Dr. Singsaas will have chief management responsibilities for overseeing the proposed project. He will be responsible for working with NRRI staff scientists Oksana Kolomitsyna, Tim Hagen, and Matt Young, and collaborate with Dr. Jane Johnson of USDA-ARS in Morris to ensure that project goals, results, and timelines are met.

**The Natural Resources Research Institute** is a University of Minnesota applied research organization. NRRI's mission is to deliver research solutions to balance Minnesota's economy, resources and environment for resilient communities. The collective research and organizational experiences of the project team members and the resources available to this project from the University of Minnesota Duluth should ensure the successful completion of the proposed project goals.