

Minnesota Department of Natural Resources

500 Lafayette Road . Saint Paul, Minnesota . 55155-4037

Office of the Commissioner

651-2595555



January 16, 2009

COPY

The Honorable Ellen Anderson
Minnesota State Senate
120 State Capitol Building
Saint Paul, Minnesota 55155

The Honorable Satveer Chaudhary
Minnesota State Senate
205 State Capitol Building
Saint Paul, Minnesota 55155

The Honorable Yvonne Prettner-Solon
Minnesota State Senate
G-9 State Capitol Building
Saint Paul, Minnesota 55155

The Honorable Kent Eken
Minnesota House of Representatives
575 State Capitol Building
Saint Paul, Minnesota 55155

The Honorable Bill Hilty
Minnesota House of Representatives
559 State Capitol Building
Saint Paul, Minnesota 55155

The Honorable Jean Wagenius
Minnesota House of Representatives
449 State Office Building
Saint Paul, Minnesota 55155

The attached Terrestrial Carbon Sequestration Monitoring Networks and Demonstration Sites. Part II, Report to the Minnesota Department of Natural Resources completes the studies and reports requested of the Regents of the University of Minnesota in Minnesota Law **2007**, ch. 57, article 2, section **35**. The Minnesota Department of Natural Resources entered into contracts with the University's Water Resources Center to complete reports as on the ability to capture and store atmospheric carbon with plants and soils as outlined in statute. The primary report was submitted to the committee chairs with jurisdiction over natural resources and energy on February **1, 2008**.

The attached report follows up on the earlier work and focuses on the monitoring and demonstration of practices which show potential for carbon capture and storage. There is a growing interest in and expectation for integrating carbon management into broader land management activities. This report addresses the legislative request to:

(3) identify a network of benchmark monitoring sites to measure the impact of long-term, large-scale factors, such as changes in climate, carbon dioxide levels, and land use, on the terrestrial carbon sequestration capacity of various land types, to improve understanding of carbon-terrestrial interactions and dynamics; and

(4) identify long-term demonstration projects to measure the impact of deliberate sequestration practices, including the establishment of biofuel production systems, on forest, agricultural, wetland, and prairie ecosystems

The report focuses on opportunities to integrate monitoring and demonstration efforts into on-going land management initiatives. If you have further questions regarding these reports, please let Mark Lindquist, Energy/Biofuels Program Manager (507-359-6038), or me know.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark Holsten".

Mark Holsten
Commissioner