Memorandum

To: Roy Thilly and Tia Nelson, Task Force Co-Chairs

From: Kris Krause and George Edgar, Technical Advisory Group Co-Chairs

Date: 08/08/2007

Re: Wisconsin's Greenhouse Gas Emissions Inventory

At the request of the Governor's Task Force on Global Warming, the Technical Advisory Group has evaluated the Wisconsin 2003 Greenhouse Gas Emissions Inventory that was prepared by World Resources Institute. In our judgment, the inventory is adequate for the purposes of policy analysis, with the exception of the Land Use/Forestry/Agriculture sector which needs additional work to bring it up to the same level as the other sectors. We recommend that an estimate of the greenhouse gas emissions associated with electricity imports be developed and included as an additional and separate emissions number. We note that the inventory is not adequate for regulatory purposes.

In arriving at these conclusions, we evaluated updating the inventory forward to more recent years, such as 2006, and found that it would not significantly improve the accuracy across all sectors. We concluded that the improvement would not warrant the time and resources it would require.

During our discussions, we developed working definitions for the 2003 inventory and a reference case. We would like to offer these to the Task Force and Work Groups to help reduce possible confusion between these two terms.

2003 DNR/WRI Inventory: This is summary of greenhouse gas emissions in Wisconsin at a point in time. It may be utilized by the Work Groups to show a leveling off of emission growth and then a reduction in emissions from policy options within each sector.

Reference Case: This is a model developed to forecast a "business as usual" scenario that assumes "no climate change policy". The policy options (portfolios) will be modeled against the reference case to measure the aggregate level of emission reductions.

We hope that this is helpful. Please let us know if you have any questions.

cc: Technical Advisory Work Group members

Co Chairs of the Work Groups