

## Memorandum

Re: Revisions to the Washington State Inventory and Forecast, July 2007

Date: August 1, 2007

### Revisions since the April 2007 draft

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Based on input from the CAT and TWGs, and further analysis of available data, several revisions have been made to *Washington State Climate Advisory Team Greenhouse Gas Inventory and Reference Case Projections, 1990-2020* since the April 2007 draft. These include:

- **Consumption-based electricity emissions:** State agencies are continuing to collect and analyze data in order to develop estimates for the 1990-1999 period, prior to the state's fuel mix reporting requirement. In the meantime, provisional estimates for this period have been developed; these are based on emissions from in-state electricity production during those years plus the average emissions from *net* electricity imports during the 2001-2005 period (years for which fuel mix disclosure data are available). In addition, fuel mix disclosure data were incorporated for years 2000-2002. As noted below, these estimates are still undergoing revision, and will likely be updated again in the coming months.
- **Waste management emissions.** Emissions estimates for solid waste and wastewater management, not available at the time of the April 2007 draft, are now included.
- **Agriculture emissions.** A computational error was rectified for the emissions forecast.
- **Marine emissions.** New data available from the Puget Sound Maritime Air Forum inventory was used to update the marine emissions estimates.
- **Transportation emissions.** Motor gasoline consumption data from the Washington Department of Licensing fuel receipts is now used in lieu of data from USDOE.
- **Editorial improvements,** in response to suggestions by CAT and TWG members.

These modifications are described in more detail in the revised report.

### Additional work in progress

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Several additional revisions are in progress, including:

- **Consumption-based electricity emissions:** As noted above, historical estimates are still under development.

- **Projections of electricity emissions.** Pending receipt and review of recent regional projections, projections for electricity consumption and production emissions may be revised.
- **Forestry and land use emissions and sinks:** More detailed estimates have been obtained, yielding the same totals shown in this appendix and revealing trends in carbon fluxes in the East- and West-sides of the state on National and non-National Forests. Further review of forest inventory data for Washington is in progress.