

**Notes from Conference Call with SSJF/Projections Work Group  
April 29, 2005**

On the call:

Work Group: Pat Cummins, Lee Alter, Tom Moore, Lori Campbell, Dennis Schwehr, Bob Downing, Jeff Yocke

ERG: Paula Fields, Marty Wolf, Mae Thomas, Darcy Wilson, Regi Oommen

Agenda:

- Status of 2002 Emissions Inventory QA review
  - Master spreadsheet of data and input variables for 2018 base case
- Handouts: WRAP 2002 EI Review Status\_Apr28.doc; WRAP 2018 projections\_calcs\_v1.xls;  
WRAP 2018 projections\_calcs\_readme\_v1.doc

Status of 2002 Emissions Inventory Review

- Darcy reviewed the status of the 2002 EI review (attached at end of these notes). Anyone call contact her later with any questions: [Darcy.Wilson@erg.com](mailto:Darcy.Wilson@erg.com) phone: 919-468-7860
- The value and content of the different inventory versions was discussed.
- The ultimate goal of the task was reiterated: To a develop a revised (improved) 2002 emissions inventory for WRAP, and upload this to the EDMS.
- Bob D. mentioned that there are changes to his (Maricopa County) 2002 NEI being submitted today to EPA to correct many errors in gap-filling in the preliminary 2002 by EPA. The Work Group acknowledged that ERG should obtain all changes submitted to EPA during this process by WRAP entities, and incorporate those into the revised 2002 inventory for EDMS upload.
- Tom said that ERG needs to submit the revised inventory to the states and tribes for review and comment before the upload to EDMS
- ERG should make it as easy as possible for the states to review the files.
- Darcy said that ERG would compare the state-submitted revisions to what is in EDMS so that the revised inventory will be up to date.

Review of Initial Projections Calculation Spreadsheet

- Marty reviewed the spreadsheet using the readme file as a guide. He explained the various levels of “inventories” (i.e., A = revised 2002 inventory from Task 1.A, etc.). There was much discussion regarding these various internal “inventories” and their definition.
- Marty explained that types of factors that will be applied in order to arrive at a 2018 baseline projection:
  - Adjustments to add new facilities coming on line after 2002, to remove retire facilities, and to make “atypical” operational adjustments for sources having atypical emissions during 2002.

- Control factors to account for the effects of consent decrees, Ozone Early Action Compacts (EACs), regulations or controls resulting from Natural Events Action Plans (NEAPs), MACT standards, etc.
- Growth factors to account for economic, demographic or other growth as determined to be applicable to each source or group of sources (e.g., SIC/SCC).

The results will be evaluated in several ways, including comparing the 2018 baseline projection to permit limits and SO<sub>2</sub> annex limits to ensure that these are not exceeded or compromised.

- Comments were received after the call pertaining to the inventory A, B, C, and D definitions, and subsequently ERG revised the spreadsheet and readme file. These have been posted on the Projections Work Group webpage at <http://www.wrapair.org/forums/ssjf/documents/eictts/projections.html>

**The next call was not scheduled. However, ERG was requested to develop a status presentation of the projections task for the SSJF meeting on May 11 in Palm Springs. Also, a presentation will be made by ERG at the WRAP Board Meeting on May 17 in Phoenix.**

## **STATUS OF 2002 EMISSIONS INVENTORY REVIEW**

### **Current Status**

- Compiled point and area source master inventory databases using
  - o 2002 WRAP EDMS files (posted for ERG by the DBM)
  - o 2002 NEI (Feb 1, 2005 version)
  - o 1999 NEI
  - o 1996 WRAP Inventory (used in the §309 TSD)
  - o Tribal data
- Additional information compiled from EPA's Clean Air Markets Division (CAMD) for electric utilities.
- Common Facility Identifiers assigned to map data sources from different years.
- Control device information compiled with surrogate values from the Emission Inventory Improvement Program (EIIP) and other sources.
- Contacted several state agencies to resolve point and area source questions (e.g., correct bad emissions data, incorporate new data sets, convert XL spreadsheet data to NIF for a missing point source county inventory, discuss possible duplication within area source files, discuss how to handle mobile asphalt plants with county code 777).
- Can simply "select" or "deselect" records within master database to compile 2002 inventory.

**WRAP could consider uploading entire master database and house 1996, 1999, and 2002 base year inventories.**

### **Outstanding Tasks**

- Contact state/local/tribal agencies for point source reporting cutoffs.
- Contact state/local/tribal agencies to review list of 1996 and 1999 facilities not included in 2002 inventory. Are they closed? Included in 2002 area source inventory? Should we pull forward to 2002? Should we adjust the area source inventory for any duplication with point source facilities?
- Incorporate additional Tribal databases.
- Incorporate oil and gas databases.
- Resolve conflicts in EGU controls.
- Consider close QA of stack parameters.