

FETS STATUS REPORT – DECEMBER 2010

Contract Details

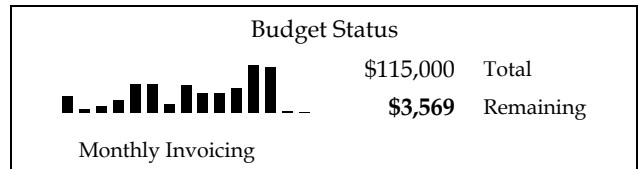
Term: 10/01/2009 to 12/31/2010

Task 1 – Maintenance and Operations.

Task 2 – Inventory Calculation and Reporting.

Task 3 – Emission Inventory Improvement.

Task 4 – 2008 National Emissions Inventory Support.



Project Activity since September 2010

2008 NEI Support Status

- As of September the following data sets were not fully processed for use in the 2008 NEI data set. Processing was completed by the end of October 2010:
 - California's Air Resources Board provided data sets from three air quality control districts: South Coast, San Joaquin Valley, and Sacramento Metropolitan.
 - Additional data for 2008 provided by New Mexico.
- Preliminary 2008 NEI data from the EPA are fully integrated into the FETS for viewing/editing in the online reconciliation tool. The problems discovered with the data set, according to the EPA, are limited to events tied to ICS-209 data. All single-detect events are considered valid.
- A simple method was developed to identify Non-Federal Rangeland burns in the EPA dataset that would otherwise be unclassified. FETS users may choose to upload these newly classified EPA burns to the EIS gateway using the online reconciliation tool.
- Work to build a web-based data QA/QC and reconciliation tool to analyze user- and EPA-provided data sets for 2008 was completed in mid-October, 2010 ([find it here](#)). Permission level 'A' is required to access the tools. Included is an export tool to format data directly in EPA's CERS XML format to expedite submittal to the EIS gateway. The export format from the FETS was validated using the EIS gateway tools at <http://tools.epacdxnode.net/>.

System Development and Maintenance

- In conjunction with the work on the NEI tools, the FETS website design was slightly modified to accommodate the new content. This consisted mainly of re-organizing the menu bar at the top of each page in an effort to conserve space as well as group related items more intuitively.

Emission Inventory Development Protocol for 2011

- Tom Moore and Air Sciences attended WRAP's Technical Steering Committee meeting on October 1, 2010 and presented a draft protocol for work to be done in 2011 ([find it here](#)). The final workplan (see below) includes a sub-set of the tasks proposed in this document.
- A collaborative group including the WRAP, Air Sciences, and individuals from federal agencies (USDA-FS and NPS) developed and submitted a proposal to the Joint Fire Sciences program that includes a significant portion of the development outlined in the FETS 2011 protocol. The proposal focuses on fires' contribution to ozone development, and will leverage planning-grade fire emissions inventories to be developed in the FETS.
- A task matrix was developed that includes those covered by the JFSP proposal and prioritizes remaining tasks for 2011 ([find it here](#)). A final workplan was developed that includes critical tasks for 2011 not covered by the JFSP proposal ([find it here](#)).

Calls and Meetings

- An interactive agenda from the technical meeting in Boise, ID was created and posted to the FETS website ([find it here](#)).
- Air Sciences and Tom Moore attended Technical Steering Committee meeting on October 1, 2010, to present the draft 2011 FETS protocol.
- A conference call was held on October 20th, 2010, to introduce the 2008 NEI support tools developed on the FETS website.