

# FETS STATUS REPORT – MAY 2010

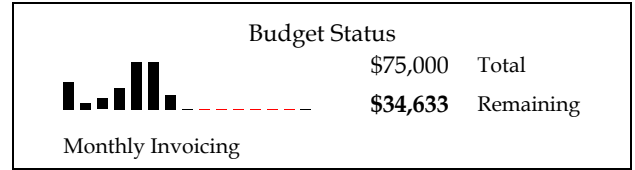
## Contract Details

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

**Task 1** – Maintenance and Operations.

**Task 2** – Inventory Calculation and Reporting.

**Task 3** – Emission Inventory Improvement.



## Project Activity since March 2010

### 2008 NEI Support Status

2008 activity completeness for WRAP members

	WF >100ac/300ac	WFU >100ac/300ac	WF <100ac/300ac	RX	AG	NFR	
AK	[Redacted]	[Redacted]	Doesn't incl. smallest fires (0.1ac)	[Redacted]	Not Tracked/Little Activity	N/A	
AZ			Data for only a few days	[Redacted]	Noticeable Activity*		
CO			Data for only a few days	[Redacted]	Not Tracked		
ID			Have data for one National Forest	[Redacted]	Record starts mid-2008		
MT			[Redacted]	[Redacted]	Record starts mid-2008	Noticeable Activity*	
NM			[Redacted]	[Redacted]	Record starts mid-2008	Record starts mid-2008	Record starts mid-2008
NPT			[Redacted]	[Redacted]	Record starts mid-2008	Record starts mid-2008	Record starts mid-2008
OR			[Redacted]	[Redacted]	Tracked by ODF: data obtainable?	[Redacted]	Not Tracked
WA			[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]
CA			[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]
ND	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]		
NV	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]		
SD	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	Noticeable Activity*	
UT	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]		
WY	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]		

\*Based on the WRAP 2002 Fire Emissions Inventory, these States had >50,000 NFR acres burned.

- Funding is secured from EPA, for FETS staff to conduct the work outlined in the 2008 NEI Support memo ([find it here](#)).
- Please provide M. Mavko ([mmavko@airsci.com](mailto:mmavko@airsci.com)) any activity data from 2008 – whether you are augmenting or reporting for the first time – that you would like used in the NEI Support comparative analysis, so that your data can be reported to EPA..
- Data gathering efforts have commenced. Other development work will begin in early May.

### System Development and Maintenance

- Additional RAM was added to the web server to accommodate increased server traffic: a “Service not available” error was occurring frequently as a result of insufficient memory.

### Emission Inventory and Reporting Development

- A technical memo was drafted outlining current and developing techniques related to calculating emissions from Agricultural burning. It includes changes to be made to the FETS for future emissions inventory reporting.
- An outline was drafted introducing a protocol for building air quality planning grade emissions inventories for 2008, 2009, and 2010 to be completed in 2011. It includes a decision tree for calculating emissions anticipating varying robustness in activity reporting and new tools that may be incorporated to improve emissions estimates.

### Bugs, User Problems, and Feedback

- There have been instances of the server crashing on users when running large report queries. This prompted the memory upgrade mentioned above.

### Meetings and Other Scheduled Events

- Since the March Project Team call, M. Mavko, D. Randall, and T. Moore have held calls to finalize the NEI support proposal to EPA. T. Moore has initiated the funding process with EPA.
- M. Mavko met with C. Wiedinmyer to discuss implementing satellite-derived emissions calculations in the FETS, both as a stand-alone, parallel inventory and to aid with gap-filling burn types (e.g. non-federal rangeland) with little or no reporting.