RESEARCH AND DEVELOPMENT PROJECT SCOPE
SCC-WEBFIRE FOR THE COMMON EMISSIONS FORM (CEF)
February 6, 2017

OVERVIEW

1. Participants (* indicates Team Lead)

Name	Agency	Email
Dennis McGeen	Michigan	mcgeend1@michigan.gov
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Mark Wert*	Massachusetts	mark.wert@state.ma.us

2. Project Funding - $3K

Funding for this project will be used for:

- SLT needs/issues research study and survey design support; on-line survey tool
- Help gather/clarify survey responses to ensure broad-based participation
- Compile survey results, identify/document concurrences and differences and follow-up needed
- Help develop scope of SCC/WebFIRE adjustments as needed to support use of SCC/WebFIRE in the Common Emissions Form (CEF)
- Assist with presentation materials

3. How project fits within the larger Combined Air Emissions Reporting (CAER) "future state"?

This project will summarize the issues and challenges in the current SCC system and provide suggestions for standardizing the SCC and WebFIRE system to better support the "future state" of CAER.

4. Project Description

Scoping study for identifying problems and solutions with SCCs and WebFIRE that will meet SLT, NEI, NATA, and CEDRI/ERT requirements under the CAER project.

5. Project Steps

1. Information gathering:
   - The team exchanges information about their use of WebFIRE.
   - The team learns about WebFIRE.
2. Develop a survey form that will identify the issues and challenges in the current SCC and WebFIRE systems that SLT, NEI, and CEDRI/ERT/WebFIRE programs are facing. Collect the following information.

- Issues in compiling emission inventories (including problems using SCC and WebFIRE factors in electronic data collection systems and maintaining those tables over time)
- Issues in reporting emissions and stack testing data (including significant gaps in SCC and emission factors, and inconsistencies between the 2 systems).
- Issues in data analysis
- Methods and approaches individual programs have used to address the problems
- Suggestions for improvements
3. Conduct a survey among SLT and EPA programs
   - Outreach to involve as many stakeholders as possible
4. Analyze information from the survey and conduct follow-up calls and discussions
5. Prepare a document that summarizes the issues and challenges in the current SCC system and provides prioritized suggestions for standardizing the SCC and WebFIRE systems to better support the CAER program.
   - Identify issues on the critical path for CAER pilots.
   - The document will guide additional phases for addressing the issues and challenges through future work under the PDT.

6. Prior Work

Michigan is currently in the development stages of a new system and that process will help inform this team.

Both Michigan and Massachusetts have encountered issues with WebFIRE while reporting that will help the team begin to draw up a list of issues that can then be converted to a survey of other states.

7. Deliverables

1. Summary document that includes:
   a. List of issues and challenges in SCC and WebFIRE prioritized
      i. Issues to be resolved for a successful follow-up CAER pilot project
      ii. Suggestions for next steps in standardizing the SCC and WebFIRE systems.
   b. Identification of future work for the PDT.

8. Expected Workload

Average of. 2-3 hours per week over course of project, concentrated in initial weeks and at intervals based on the deliverables.

DELIVERABLES & EXPECTED COMPLETION DATES

Deliverable	Expected Completion Date
Draft of issues / questions for states - 75% complete	2/28/2017
Survey questions ready for release	3/17/2017
Compilation of responses	3/31/2017
Draft summary document of issues and challenges for review by stakeholders	4/31/2016
Final summary document of issues and challenges	5/31/2016