



Simplified WRAP Work Plan

December 11, 2014 draft

Work Plan Executive Summary

The Western Regional Air Partnership's (WRAP) vision is to be the leading technical and planning information source for air quality management in the western United States. To achieve that vision, WRAP will establish and operate a Technical Center to provide technical information that is credible, current, consistent, virtual, and accessible in support of air quality management decisions.

This Work Plan, based on development process during 2014 describes the tasks that will be undertaken in the 2015-18 timeframe to establish and operate a WRAP Technical Center based on the priority needs of the WRAP membership:

- Task 1. Determine foundational components of the Technical Center based on member needs
- Task 2. Assess the current status of each foundational component
- Task 3. Determine priority actions needed to build, update, and/or maintain the foundational components.
- Task 4. Upon completion of Task 3, prepare a technical work plan that addresses Technical Center enhancements and the ongoing operation and maintenance of the Technical Center.

Simplified Work Plan Outline

I. Work Plan Overview

The Western Regional Air Partnership's (WRAP) vision is to be the leading technical and planning information source for air quality management in the western United States. To achieve that vision, WRAP will establish and operate a Technical Center to provide technical information that is credible, current, consistent, virtual, and accessible in support of air quality management decisions. This Work Plan describes activities WRAP will undertake in the 2015-18 timeframe to establish and operate the WRAP Technical Center.

II. Components of the WRAP Technical Center

Introductory paragraph describing how varied the technical information needs are but how the needs can all be linked to the same core, foundational information. Examples e.g., precise emission estimates for permitting while in a form that can be aggregated for SIP modeling...

The core components of the WRAP Technical Center will include: *<will keep at a high level>*

- Monitoring Data Analysis and Evaluation of Networks

- Emissions
- Protocols for consistency
- Access to other databases housing comparable data
- Models and modeling protocols
- other...

III. Building the Foundation of the WRAP Technical Center

The process that will be used to build the WRAP Technical Center that meets the needs of the WRAP members is:

Task 1. Based on WRAP member input, determine what technical information is needed as the foundational components of the WRAP TC (*as an aside, also list “desirable” components, if funding is available*) (repeat theme: credible, current, consistent, virtual, and accessible) <task: needs assessment survey of members>.

<If this has already been done, then add the following> Based on member input, the following is a list of foundational components of the WRAP TC:

- Emissions at appropriate resolution, time-scale
- Emissions models and protocols for their use
- Air quality modeling as needed
- other...

Task 2. Determine status of each component <task: report listing status of each foundational component in terms of credible, current, consistent, and accessible>

- Do data exist that is credible, current, consistent, virtual, and accessible?

Task 3. Assess what is needed

- Delta between step 1 and step 2
- Inventory of what is underway that will fill needs
- Leveraging and integrating data and information into the TC
- What new work is needed <task: prepare report or list, ranked by priority>
- What is needed to maintain consistency, currency, and accessibility

Task 4. Develop a technical work plan, including activities, timeline, and resource estimates, to implement and maintain the Technical Center. This will be an outline of priority activities for the 2015-18 timeframe. <task>

IV. Summary

WRAP will establish and operate a Technical Center to provide technical data and information that are credible, current, consistent, virtual, and accessible based on input from WRAP members. The following are priority activities identified for the 2015-18 timeframe:

1. <task> from step 1.

- a. Complete by Q1-2015
 - b. Resources: WRAP staff or contract support staff; estimate .1 FTE for 3 months
 - c. Product: WRAP TC needs and wants report -> clear statement of foundational components
2. <task> from step 2.
 - a. Complete by Q1-2015
 - b. Resources: WRAP staff or contract support, with assistance from Technical Steering Committee; estimate 1 FTE for 3 months “credible, current, consistent, and accessible” test.
 - c. Product: Status assessment of each foundational component, with discussion of shelf life/maintenance/update needs
3. <task> from step 3.
 - a. Complete by Q2-2015
 - b. Resources: Contractor support; Steering Committee and Board involvement. Cost estimate: \$xx,xxx
 - c. Product: Priority list of projects needed to complete and maintain foundational components, including “most wanted” list
4. <task> from step 4.
 - a. Complete by Q3-2015 for approval by WRAP and WESTAR memberships
 - b. Resources: Contractor support; Steering Committee and Board involvement. Cost estimate: \$xx,xxx
 - c. Product: Technical Work Plan including cost estimates

LIST OF APPENDICES

- A. WRAP Background
 - a. Background and Status
 - b. Organization and Structure
 - c. Charter
- B. WRAP Planning Support Activities
 - a. Regional Haze Planning
 - b. Regional Emissions, Analysis, and Modeling Capabilities
 - c. Effects of Changing Sources and Climate on Western Air Quality
- C. WRAP Technical Activities
 - a. Support of Tribal...
 - b. WRAP Regional Haze Planning Support ... (TSS)
 - c. WRAP Tech Support... Regional Haze planning Working Group
 - d. Western Regional Modeling Framework – WRAP Modeling Studies
 - i. BLM
 - ii. NPS
 - iii. other...
 - e. WRAP Tech Support... Fire Working Group
 - f. WRAP Tech Support... Oil & Gas Working Group
- D. Budget

<This would be a consolidated picture of current and expected future funding>

<This could include a discussion of the expected product of Task 4 – Technical Work Plan cost estimates>