

NESCAUM/MARAMA PAMS Assessment - Scope of Work

The scope of work shall include the following five elements:

1. PAMS Literature Review

STI will review PAMS-related scientific literature, government reports, and previous literature reviews pertaining to the analysis of PAMS and PAMS-like data in the NESCAUM and MARAMA regions, in other regions, and in other research and field studies.

2. PAMS Data Retrieval, Validation, and Organization

STI will develop a validated regional data repository containing all air quality and surface meteorological data from each PAMS site within the NESCAUM and MARAMA region for the entire period 1994-1999 as available in EPA's Aerometric Information Retrieval System (AIRS) on or before September 15, 2000. Additionally, data from Arendsville, Pennsylvania and North Carolina PAMS-like sites will be included.

3. PAMS Data Report

STI will produce a data validation and summary report providing basic statistical summaries of the measurements, evaluation of the quality and usefulness of measurements, and discussion of time-series plots or trends for each site.

4. Evaluation of Utility of Network Observations

STI will evaluate and list current measurements being obtained through the PAMS program in terms of their relative worth to goals and objectives of the PAMS program as identified by the spring 2000 STAPPA/ALAPCO PAMS workshop. STI agrees to develop a draft set of recommendations for program changes which would result in cost savings and improved efficiency while satisfying the PAMS objectives.

5. Evaluation of Options for Program Enhancement

STI will identify a number of options for enhancing PAMS operations, conduct analyses to evaluate these options, and help the project manager to develop recommendations for long-term enhancements of the PAMS program.

PAMS2001 Timeline

