

Considerations for a minimus PAMS core network – draft June 20, 2001

Observations:

1. Data underutilized nationally,
2. program originally spread across too many objectives;
3. program has become a target for reduction
4. Las Vegas wkshp and recent assessments point to
 - a. Emphasizing tracking/evaluation of strategies
 - b. Reduction of requirements to:
 - i. Tailor local programs for ozone
 - ii. Support air toxics

Strawman “core” requirements

1. Speciated VOC
 - a. maintain 24-hr year round 6th day canister sampling at Type 2 sites.
 - b. Maintain 3 hr canister or continuous during PAMS season at Type 2 sites.
 - c. Review species list to identify possible elimination to reduce data reporting and QA burden
2. TNMHC
 - a. Add continuous TNMHC at type 2 and selected other sites (e.g. types 1 and 3, but demand regional evaluation for best placement and avoid redundancy)...TNMHC is an important surrogate for toxics, O₃ precursors and allows for incorporation into real time displays.
3. N measurements
 - a. NO/NO_y at type 2 sites (could use existing N box due to dominant fresh NO emissions).
 - b. NO/NO_y at additional representative rural/regional sites (e.g. types 1 and 3, but demand regional evaluation for best placement and avoid redundancy)....
4. High resolution CO
 - a. Type 2 sites and 1 rural/regional location
5. carbonyls

- a. conduct as special studies to evaluate feasibility of new methods, and/or
- b. Demonstrate acceptable performance and conduct routinely at one site (preferably type 2)

6. Data analysis

- a. Specify expected annual reporting/analysis rqmts.

7. Options

- a. Episodic monitoring
- b. Aircraft
- c. Toxics enhancement