

## Outline: Monitoring Strategy (v3/19/01)...

### Executive Summary

#### Section 1. Introduction and Objectives

##### 1.1 Introduction

- S purpose of strategy and why it is needed
- S scope and focus of this strategy
- S description/map of document and flow diagram of strategy (role of NMSC)
- S operating principles (partnerships, flexibility, balance, good science, etc.)
- S background (may be redundant with first bullet)

##### 1.2 Inventory of networks..where are we now?

- series of maps and tables/text illustrating site locations by network, and providing rough history and various status information.

*[A similar effort was initiated for the 98 SS (Eberly..source) meeting and some earlier CENR (Silvasi source) related work. Many folks (especially NOAA) have requested such a compilation. The reason for inclusion here is the obvious need to know what we are starting with prior to recommending change]*

##### 1.3 Monitoring program objectives and priorities

*[purpose is for communications <always comes up> and initialize NMSC discussions that can lead to establishing priorities]*

- S current regulations
- S proposed objs.
  - common objs...i.e, character., exposure, compliance, trends, accountability
  - separate out by program type..e.g., pams accountability, PM NAAQS, etc.
- S prioritization
  - identify absolute core...minimums...
  - identify what's not being done
  - ranking

#### Section 2. Assessing and redesigning ambient monitoring networks.

##### 2.1 Network Assessments

*[this section summarize the national assessment work and identify other regionally based assessments and lay out the expectations of EPA and S/L/T's in conducting assessments periodically]*

- S role/purpose of assessments
- S summary of national (and regional) assessment work and findings
- S recommendations for assessment activities

2.2 Recommended network changes based on assessment activities, and identification of network objectives and priorities

S criteria pollutant network

S PAMS

2.3 Recommended future design of a national integrated air monitoring system...where would we really like to be?

*[if we could start from scratch...what would the monitoring system be?...this is an attempt to incorporate the assessment results, our envisioned priorities and best engineering judgement to lay out a national design taht is not constrained by current system and provides a future target. This discussion would start with a proposal that would be modified through NMSC interaction and other (science body) review, and example of such a design is attached as..... ]*

**Section 3. Infrastructure changes required to meet strategy objectives.**

3.1 Restructuring QA/QC

3.2 Incorporating Technological Advances

- Monitoring Methods
- Data retrieval, handling and archiving

3.3 Regulations review and proposed modifications

*[the assessment and design work and technology and QA recommendations all potentially impact the regs.....]*

3.4 EPA Technical support

[ORIA/TAMS, OAQPS, RO's, ORD..what should their tech. Roles be, how do they get there]

**Section 4. Communications, outreach, resources and schedule.**

4.1 Integration and communication with other programs

S relation of this strategy to dep. Networks, PBT strategy, NARSTO, etc.

S communicating network change to the public

S science review process

S

4.2 Resource considerations

4.3 Schedule