

Ambient Air Protocol Gas Program

Next Steps

40 CFR Part 58 App A

2.6 Gaseous and Flow Rate Audit Standards. Gaseous pollutant concentration standards (permeation devices or cylinders of compressed gas) used to obtain test concentrations for CO, SO₂, NO, and NO₂ must be traceable to either a National Institute of Standards and Technology (NIST) Traceable Reference Material (NTRM), NIST Standard Reference Materials (SRM) and Netherlands Measurement Institute (NMI) Primary Reference Materials (valid as covered by Joint Declaration of Equivalence) or a NIST-certified Gas Manufacturer's Internal Standard (GMIS), certified in accordance with one of the procedures given in reference 4 of this appendix. Vendors advertising certification with the procedures provided in reference 4 of this appendix and distributing gases as "EPA Protocol Gas" must participate in the EPA Protocol Gas Verification Program or not use "EPA" in any form of advertising.

Goal

Each year, EPA will attempt to compare gas cylinders from every specialty gas supplier being used by ambient air monitoring organizations.

How

Regions 7 and 2 have agreed to provide analytical services

- 40 cylinders/lab or 10/quarter
- 80 cylinders total/year.

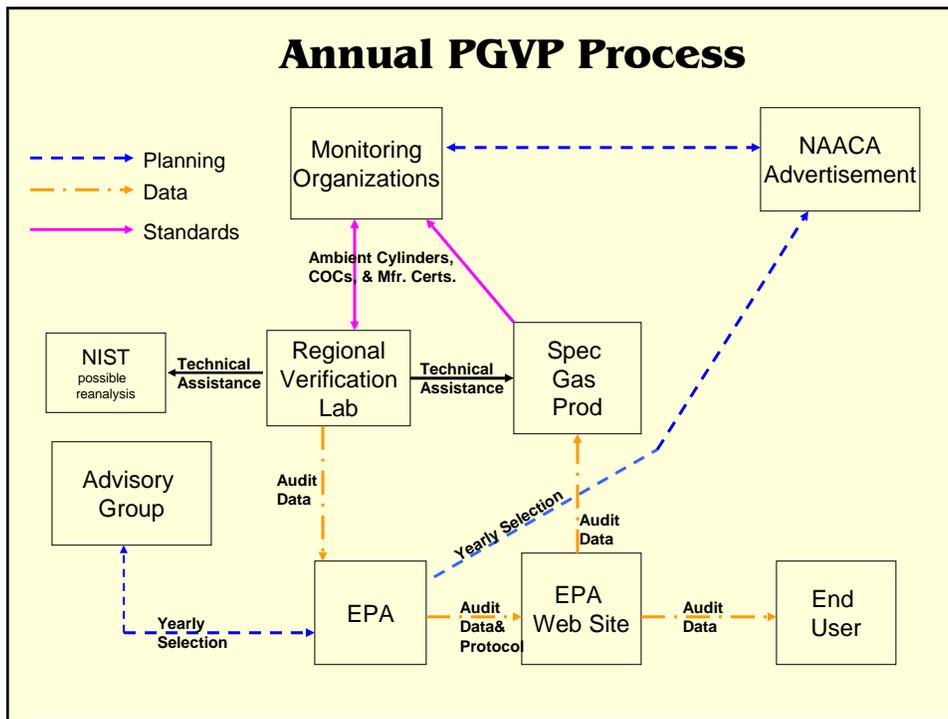
Independent check– Vendors not part of the process and no knowledge of cylinders being checked

Selection Criteria

(Based on a total of 80 Cylinders)

1. One gas standard from every specialty gas vendor being used by the monitoring community
2. Selection of a minimum of 3 per specialty gas vendor
3. Weight addition standards by market share in ambient air monitoring community.

The Advisory Group may decide to switch 2 and 3



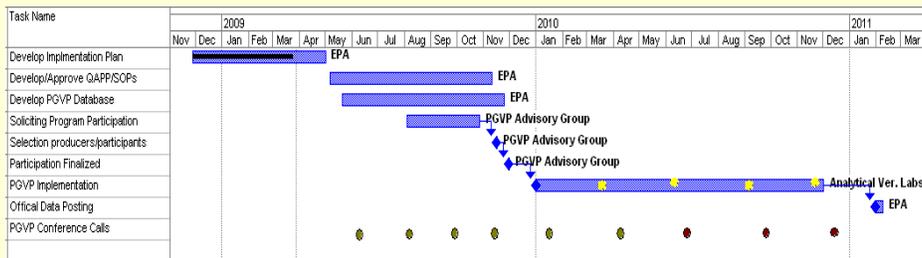
Expectations

- EPA (OAQPS/Regions)
 - Cover capital equipment and consumables
 - Analysis - quarterly predetermined 2-3 week period
 - Shipping cylinders back to the appropriate monitoring organization.
 - Data reporting
- Monitoring organizations
 - Complete survey
 - Decide to participate
 - Purchase new PG standards
 - Ship standards to laboratory within timeframe

PGVP Survey

Monitoring Organization Name _____		PQAO Code _____	
Point Of Contact: _____		POC Email Address: _____	
Specialty Gas Producers Used	Manufacturer Address		Gas Producer Code (if available)
1) Primary: _____	City: _____ State: _____		_____
2) Secondary: _____	City: _____ State: _____		_____
3) Other: _____	City: _____ State: _____		_____
Do you plan on purchasing gasses from a producer in the next 12 months?		(Y/N) _____	Approximate date of purchase Month (number): _____
Pollutants you plan to purchase and their concentrations			
Pollutant	Concentration	Pollutant	Concentration
Would you be willing to participate in the PGVP?		(Y/N) _____	

PGVP Timeline



•Draft Implementation Plan Completed

Responsibilities/Action Items CY09

- OAQPS
 - Resources-Ordering equipment and purchasing cylinders later in year
 - Documents
 - Completed Implementation Plan
 - QAPP development, will need R2 and R7
 - Coordination
 - Work with Advisory Group to develop Survey
 - Analyze Survey Results
 - Data Reporting- Posted on AMTIC
- Region 7 and 2
 - Get equipment ready
 - Coordinate to develop one SOP
 - Develop logistics plan for setting up cylinder verification schedule
- Monitoring Organizations
 - Review Implementation Plan
 - Select NAACA Advisory Group Member – George Froelich, NY
 - Select TAMS Advisory Group Member – Brenda Sakizzie- Southern Ute Tribe
 - Complete Survey

Questions

- Does this seem reasonable?
- What are your concerns?
- How many would be willing to participate knowing that they had to at a minimum to pay for shipping to Regional Lab?
- What's the best way to get the word out on the survey
 - AQS list
 - AMTIC List Serve
 - Through NAACA/TAMS
 - Other?

Implementation Plan is at:
<http://www.epa.gov/ttn/amtic/npepqa.html>