

32

**GEORGIA DEPARTMENT OF NATURAL RESOURCES**

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**Abstract**

**PM 2.5 Sampling in Georgia - The Laboratory Perspective**

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The Georgia , EPD, Ambient Monitoring Program began sampling for PM 2.5 in January, 1999. The laboratory coordinated a "dry run" of shipping , sample tracking and sample receipt during December of 1998, with the contracted vendor for sample collection. Laboratory analysis of samples began with collection of January '99 samples. Sampling began at 21 sites with a gradual phasing in of additional sites to total 33 sites, through January of the year 2000.

The laboratory adapted the procedures required by the Performance Evaluation Program, for Quality Assurance purposes. This paper will discuss Quality Assurance data for: 1) Temperature in the weighing environment 2) Relative Humidity 3) Balance Sensitivity 4) Lot Stability Tests 5) Laboratory Blanks 6) Field-Blanks 7) Duplicates 8) Lot Exposure Blanks and 9) Mass Reference Working Standards.