



**NATIONAL BUREAU OF STANDARDS**  
**MONITORING AND EVALUATION**  
**PROGRAM**



1. **Introduction**

The purpose of this report is to provide a summary of the results of the monitoring and evaluation program conducted during the period from January 1, 1970, to December 31, 1970. The program was designed to assess the effectiveness of the various measures taken to control air pollution and to determine the extent to which the air quality standards have been achieved.

The program was carried out in accordance with the provisions of the Clean Air Act of 1970 and the regulations promulgated thereunder. The data collected during the course of the program are presented in the following sections.

2. **Summary of Results**

The results of the monitoring and evaluation program are summarized in the following table:

Parameter	Standard	Actual
Carbon Monoxide (CO)	4.4 ppm	3.8 ppm
Lead (Pb)	1.5 micrograms per cubic meter	1.2 micrograms per cubic meter
Nitrogen Dioxide (NO <sub>2</sub> )	0.1 ppm	0.08 ppm
Ozone (O <sub>3</sub> )	0.12 ppm	0.10 ppm
Particulate Matter (TSP)	150 micrograms per cubic meter	120 micrograms per cubic meter
Sulfur Dioxide (SO <sub>2</sub> )	0.03 ppm	0.02 ppm

3. **Conclusions**

The results of the monitoring and evaluation program indicate that the air quality standards have been achieved for all of the parameters measured. This is a significant achievement and is a result of the various measures taken to control air pollution.

4. **Recommendations**

It is recommended that the monitoring and evaluation program be continued in order to ensure that the air quality standards are maintained and that any future violations are promptly identified and corrected.



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