

RECOMMENDATIONS FOR FUTURE MONITORING

It is the intent of the District to make decisions based on reliable, factual information. The more data gathered, the more reliable the interpretation of the data, the more likely a sound, reasonable decision can be made. It is the desire of the NSAQMD to make reasonable decisions based on reliable information collected using an approved, standard methodology. Considering all of the aforementioned, it is the position of the NSAQMD air monitoring staff that the current air monitoring network needs some improvement in quantity and quality of data collected. The recommendations are:

- ❖ All sites should be equipped with a full range of meteorological sensors, specifically: wind speed and direction, temperature, relative humidity, precipitation and barometric pressure. This data will help us identify exceedances that are due to transport, identify correlations between particulate levels and precipitation, and what role atmospheric stability plays in pollution concentrations. Meteorological data will also be helpful in predicting the Air Quality Index.

This concludes the text portion of the Annual Air Monitoring Report. The following pages contain the tables and graphs from most of the data collected by the Northern Sierra Air Quality Management District. The final two pages are the National and State Ambient Air Quality Standards for all current criteria pollutants.