



## SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

### PARTICULATE ADVISORY – Fireworks

**Valid: Friday, July 4 and Saturday, July 5, 2014**

Air quality is likely to reach unhealthful levels in localized areas throughout the South Coast Air Basin and in the Coachella Valley, starting in the evening of July 4<sup>th</sup> and continuing through the morning of July 5<sup>th</sup>. Emissions from fireworks are expected to contribute to elevated concentrations of particulate matter (PM2.5 and PM10), which can reach the **Unhealthy for Sensitive Groups** air quality category, or higher, during and after the evening fireworks displays on Independence Day. The smoke and combustion products from fireworks add to the fine particles already present in the Basin that are primarily caused by motor vehicles, as well as fugitive dust and industrial emissions.

#### Current Air Quality Readings, Forecasts and Advisories:

- **AQMD Web Site:** <http://www.aqmd.gov/home/library/air-quality-data-studies>
- **by Telephone** with our Interactive Voice Response System:  
**1-800-CUT-SMOG** (1-800-288-7664).

**Daily Air Quality Forecasts and Advisories by Email:** <http://www.airalerts.org>  
**Contact AQMD: 1-800-CUT-SMOG or (909) 396-2000**

#### What To Do When Air Pollution Reaches Unhealthful Levels:

- **Unhealthy for Sensitive Groups** Air Quality Index (AQI) is 101 - 150. Although general public is not likely to be affected at this AQI range, people with heart or lung disease, older adults and children are at a greater risk from exposure to air pollution. People with heart or lung disease, older adults, and children should reduce prolonged or heavy exertion.
  - **Unhealthy** AQI is 151 - 200. Everyone may begin to experience some adverse health effects, and members of the sensitive groups may experience more serious effects. People with heart or lung disease, older adults, and children should avoid prolonged or heavy exertion. Everyone else should reduce prolonged or heavy exertion.
  - **Very Unhealthy** AQI is 201 - 300. This would trigger a health alert signifying that everyone may experience more serious health effects. People with heart or lung disease, older adults, and children should avoid all physical activity outdoors. Everyone else should avoid prolonged or heavy exertion.
-