

SUGGESTED AIR POLLUTANT MITIGATION MEASURES FOR RESIDENTIAL PROJECTS FOR KERN COUNTY APCD

The following list of reduction measures should be used where applicable and feasible. This list should not be considered all-inclusive. Other effective measures not listed are encouraged.

- * **ACCESSIBILITY** - Provide direct pedestrian and bicycle access to neighborhood amenities, shopping areas, existing bike paths and transit stops in any residential development with a density of four or more residences per acre. Low, medium, and high density developments should have curbs and sidewalks on both sides of the street.
- * **SURFACING ROADS** – Pave the access roadways and the project's interior streets where there are expected to be 50 vehicle trips per day on the road.
- * **BIKE PATHS** - For medium to high density developments provide designated bicycle paths and easy access to these paths.
- * **SCHOOLS** - Provide easy and safe pathways to existing schools.
- * **NEIGHBORHOOD PARKS** – Residential developments should provide easy and safe pathways to existing parks and planned parks.
- * **BUS TURNOUT (Where Transit Exists)** – For medium to high density residential development where transit services exist, construct bus turnouts and loading areas with shelters and locations acceptable to the local transit provider. This area will provide future easement for bus turnouts and shelters. If transit does not exist, but the project is within a transit district's sphere of influence, provide a site at a location and size acceptable to the transit provider
- * **FIREPLACES** - Install low-emitting, EPA-certified fireplace inserts and/or wood stoves or natural gas fireplaces. (Wood burning fireplaces are prohibited in developments of 10 or more residences by KCAPCD Rule 416.1)
- * **TREES AND SHRUBS** - Provide indigenous trees and shrubs around residences. This provides several air quality benefits by generating oxygen, anchoring soil and providing wind breaks and conserving energy by providing shade. Trees should be drought tolerant and planted in accordance with fire safe guidelines.
- * **NATURAL GAS LINES** - Provide natural lines or electrical outlets to backyards to encourage use of natural gas or electric barbecues.
- * **WATER HEATERS** - Provide low oxides of nitrogen (NO_x) emitting and high efficiency water heaters or solar water heaters. (Required by KCAPCD Rule 424)