Office of Environmental Health Hazard Assessment (OEHHA)

Staff Evaluation of Low-Sulfur CARB Diesel

April 30, 2004
Beneficial Impacts

- Result in a decrease in sulfur-containing emissions
  - Decrease in lung & eye irritation
  - Decrease in asthma severity

- Support the addition of post-combustion emissions-reduction technologies
  - Decrease in PM emissions
  - Decrease in volatile toxic emissions
Adverse Impact

- Result in a small increase in fugitive emissions of the greenhouse gas methane
Conclusions

• Use of low-sulfur diesel in California will result in cleaner air, reduce lung disease and possibly other diseases.

• These benefits outweigh an risks from a small increase in fugitive emissions of methane.
Thank You
For Your Attention

OEHHA Multi-Media Reformulated Fuels Assessment Program
Integrated Risk Assessment Section