

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

