

# Office of Environmental Health Hazard Assessment (OEHHA)

Staff Evaluation of Low-Sulfur  
CARB Diesel

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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

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