

# Air Quality Guidance for Siting Biorefineries in California

California Air Resources Board

October 14, 2010

1:00 P.M. to 4:00 P.M.

# Overview

- Introductions
- Requirements for the report
- Process for preparing the report
- Role of the working group
- Summary of the report
- Schedule
- Open Discussion
- Adjournment

# Requirements for the Report

- The LCFS Resolution 09-31 directed the ARB Executive Officer to work with local air districts, regulated parties, environmental and public health groups, and other stakeholders to develop a best practices guidance document for use by stakeholders when they are assessing and mitigating the air emissions associated with biofuel production facilities in California.

# Process for Preparing the Report

- ARB staff conducted a nationwide call for information about existing or planned biorefineries.
- ARB staff reviewed control technologies and corresponding emission levels contained in the following sources:
  - adopted and proposed district rules;
  - control techniques required as BACT;
  - permitted emission levels achieved in practice, as verified by test results; and
  - more stringent control techniques which are technologically and economically feasible, but are not yet achieved in practice.

# Process for Preparing the Report (cont.)

- ARB staff reviewed options available to mitigate mobile source emissions associated with biorefineries contained in the following sources:
  - Planning documents;
  - State and local CEQA guidelines; and
  - Draft and final EIRs for various industrial facilities.

# Role of the Working Group

- ARB staff solicited volunteers and formed a working group with representation from the local air pollution control and air quality management districts; biorefinery and waste management industries; and environmental and public health groups.
- Beginning in August 2009, the working group met by teleconference 11 times.

# Summary of the Report

- Identifies the most current stringent limits for process equipment used at biorefineries.
- Provides general guidance on available options for mitigating mobile source emissions associated with biorefineries.

# Schedule

- Draft report released for public review:  
October 11, 2010
- Public meeting to introduce draft report:  
October 14, 2010
- Comment period ends:  
December 1, 2010
- Issue Final Report and post on webpage:  
February 1, 2011

# Request Stakeholder Feedback

- Submit your comments no later than December 1, 2010
  - Ms. Lea Yamashita at (916) 323-0017  
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