

PRELIMINARY DRAFT – FOR PUBLIC COMMENT

Best Practices Guidance Document for Siting Biorefineries and Other Alternative Fuel Facilities*

- I. Fuel pathways/types of technologies
 - a. Gasoline substitutions
 - i. Corn ethanol
 - ii. Cellulosic ethanol
 - iii. Advanced renewable ethanol
 - iv. Sugarcane ethanol
 - v. Hydrogen
 - b. Diesel substitutions
 - i. Biodiesel
 - ii. Advanced renewable biodiesel
 - iii. Natural gas
- II. Background
 - a. District rules and BACT
 - b. Existing facility permit limits
- III. Facility assessment
 - a. Technologies with lowest achievable emission levels
 - b. Mobile source emissions (e.g. portable, off-road equipment, on-road trucks).
 - c. Emission control technologies
 - d. Plant efficiencies (energy)
 - e. Odor
 - f. Other sources of emissions on-site
- IV. Facility mitigation and identification of best practices
- V. Land use and siting criteria

*Resolution 09-31
April 23, 2009

Be it further resolved that the Board directs the Executive Officer to work with the local air districts, regulated parties, environmental advocates, public health experts and other stakeholders to develop a “best practices” guidance document for use by siting authorities when they are considering the siting of biofuel and other fuel production facilities in California to assess and mitigate the air quality impacts of these facilities and to present the guidance document to the Board by December 2009.