



## **ARB's Coordination Efforts on the Permitting of Organic Residuals Projects**

**Ms. Kitty Howard  
California Air Resources Board**

**Pacific Southwest Organic Residuals Symposium  
September 24, 2009**

# *Agency Coordination*

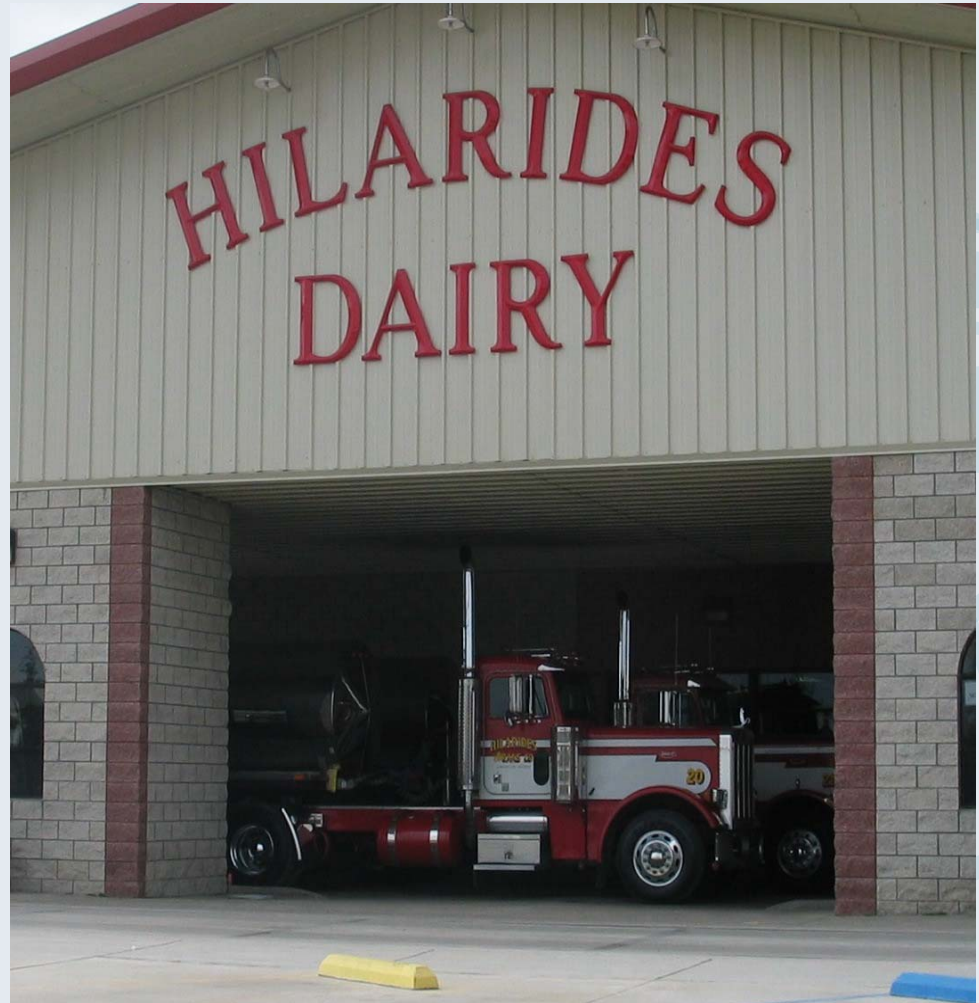
- 35 Local Air Districts
- California Department of Food and Agriculture (CDFA)
- California Energy Commission (CEC)
- California Integrated Waste Management Board (CIWMB)
- California Public Utilities Commission (CPUC)
- Department of Forestry and Fire Protection (CAL FIRE)
- Department of Transportation (Caltrans)
- State Water Resources Control Board (SWRCB)

# *Air Permitting in California*

- California's 35 local air districts have the responsibility for permitting stationary sources
- ARB provides guidance, oversight, and facilitates coordination
- The California Air Pollution Control Officers Association (CAPCOA) provides a forum for coordination

# *ARB's Alternative Fuels Incentive Program*

- Assembly Bill 1811 authorized ARB and CEC to develop a joint plan to spend \$25 million on incentivizing the use and production of alternative fuels



# *Climate Action Team (CAT)*

- CAT coordinates statewide efforts to implement Assembly Bill 32, the Global Warming Solutions Act of 2006
- CAT is made up of representatives from 14 agencies including ARB, CDFA, CEC, and CPUC





# ***AB 32 Scoping Plan Composting Activities***

- The AB 32 Scoping Plan commits ARB to work with CIWMB, CDFA, Caltrans, and others to provide direct incentives for the use of compost in agriculture and landscaping



# *CIWMB/SWRCB*

## *Regulation of Composting Facilities*

- CIWMB and SWRCB staff are working on a joint effort to develop a conditional waiver of discharge requirements for composting facilities
- CIWMB and SWRCB staff requested ARB involvement



# *ARB's Landfill Methane Control Measure*

- The measure was developed to provide enhanced control of methane from municipal solid waste (MSW) landfills and explore opportunities to increase energy recovery from landfill gas
- Adopted in June 2009
- The resolution directed staff to:
  - work with CIWMB to develop additional measures to reduce greenhouse gases in support of the regulation
  - develop a guidance document to assist owners and operators in complying with the regulation



# ***ARB's Biofuel Facilities Best Practices Guidance***

- ARB's Low Carbon Fuel Standard (LCFS) was adopted in April 2009
- The LCFS resolution directed ARB to develop a “best practices” guidance for use by local air districts and project proponents for the siting of biorefineries and other alternative fuel facilities
- Document to be released for public comment early November
- Staff to present document at ARB's December 2009 board hearing

# ***California Environmental Protection Agency Permit Guidance for Anaerobic Digesters and Co-Digesters***

- Describes the basic California permitting framework and requirements for developers of anaerobic digestion projects wanting to use organic feedstocks for the production of energy or fuels



# ***California Biomass Collaborative (CBC)***

- CBC works to enhance the development of biomass in California for the production of renewable energy, biofuels, and products through efforts such as technology research, development, demonstration, and deployment; education and training; and public outreach
- CBC is a statewide collaboration of government, industry, environmental groups, and educational institutions
- ARB, CAL FIRE, CEC, CIWMB, and other state agencies are members of the CBC Board

# *Clean Tech Initiative*

- The initiative works to identify new clean technologies that
  - meet permit requirements in the South Coast and SJV
  - will assist in achieving commitments in the 2010 ozone State Implementation Plan
- The initiative includes representatives from ARB, San Joaquin Valley Air Pollution Control District (SJVAPCD), South Coast Air Quality Management District, and the United States Environmental Protection Agency



# ***Dairy Digester Technical Workgroup***

- The workgroup was assembled to develop a Programmatic Environmental Impact Report to support general water quality permits for co-digestion facilities
- The workgroup includes representatives from ARB, CDFA CEC, CIWMB, and SJVAPCD

# *Summary*

- ARB continues its longstanding commitment to provide guidance to districts and enhance consistency to stakeholders
- Future coordination is critical to meeting multiple objectives of AB 32, the Federal Clean Air Act, and federal and State energy requirements

# *Contact Information*

- Ms. Kitty Howard  
California Air Resources Board  
[khoward@arb.ca.gov](mailto:khoward@arb.ca.gov)
- Mr. Mike Tollstrup  
California Air Resources Board  
[mtollstr@arb.ca.gov](mailto:mtollstr@arb.ca.gov)

