

US EPA ARCHIVE DOCUMENT

# Fourth Annual Pacific Southwest Organic Residuals Symposium

*“A Greener Planet: Reuse of Organic Residuals”*

September 22 - 24, 2009  
University of California, Davis  
Activities and Recreation Center

This year's Pacific Southwest Organic Residuals Symposium, PORS 2009, looks at ways to achieve greenhouse gas reductions, select and fund new technologies, and coordinate cross-media regulations. The symposium is intended for those involved in putting organic residuals (manure, biosolids, greenwaste, food waste, etc.) to their best uses: the public and private sectors, researchers, students, laboratory technicians, and environmental groups.



Food waste being unloaded at EBMUD Main Wastewater Treatment Plant. For more information on this project, visit <http://www.epa.gov/region9/foodtoenergy>.

The symposium is sponsored by the United States Environmental Protection Agency Pacific Southwest Region (Region 9), California Integrated Waste Management Board, Central Valley Regional Water Quality Control Board, California Department of Food and Agriculture, Western United Dairymen, Sustainable Conservation, California Association of Sanitation Agencies, Sacramento Municipal Utilities District, and the University of California at Davis.

## AGENDA

### September 22

1:00 – 5:00 pm **Pre-symposium tour of organic residuals projects at East Bay Municipal Utility District Wastewater Treatment Plant, 2020 Wake Avenue, Oakland**

Digest the trials of EBMUD's project which uses excess anaerobic digester capacity to take food wastes and other organic residuals, in addition to biosolids, to maximize methane production. EBMUD will discuss the tests they are running for EPA's Pathogen Equivalency Committee to demonstrate that digesters in the thermophilic mode under various scenarios will achieve partial ("Class B") or full ("Class A") pathogen reduction.

\*Please wear closed-toe shoes\*

### September 23

**UC Davis, Activities and Recreation Center**

8:30 – 9:15 am **Opening Remarks**  
**Welcome:** Alexis Strauss, Director, Water Division, US EPA, Region 9  
**Keynote:** Mary Nichols, Chair, California Air Resources Board  
**Overview of PORS 2009:** Lori Lewis, Facilitator, US EPA, Region 9

9:15 – 12:00 pm **Session 1: Panel on Organic Residuals and Greenhouse Gases (includes a refreshment break)**

How are organic residuals projects selected to achieve the greatest reduction in greenhouse gas emissions?

**Moderator:** Paul Martin, Western United Dairymen

**Speakers:** Dee Dee D'Adamo, Board member, California Air Resources Board and Senior Policy Advisor to Congressman Dennis Cardoza



Allen Dusault, Program Director, Sustainable Conservation  
 Frank Caponi, Supervising Engineer, Los Angeles County Sanitation Districts  
 Kerry Drake, Associate Director, Air Division, US EPA Region 9  
 Joe Hower, Managing Principal and Air Quality Practice Leader, ENVIRON

12:00 – 1:00 pm **Lunch (provided)**

1:00 – 5:00 pm **Session 2: Technical Issues and Financing Strategies (includes a refreshment break)**

What are the technical issues and costs associated with new technologies including clean-up needs, training operators, start-up issues, and so forth? What are existing and potential funding mechanisms for these projects?

**Moderator:** Elena Yates, California Integrated Waste Management Board

**Speakers:** Jacques Franco, Climate and Technical Research, California Integrated Waste Management Board

Dieter Korz, International Sales Manager, RosRoca

Joerg Blischke, Senior Chemical Process and Environmental Engineer, AECOM

Luis Diaz, President, CalRecovery

Ken Brennan, Senior Project Manager, Gas Transmission and Distribution, Pacific Gas & Electric

Sherri Wahl, Treasury Program Manager, California Pollution Control Finance Authority

Caroline Quinn, Engineering Services Director, Delta Diablo Sanitation Districts

John Hanscom, Senior Associate, ESA

Russ Lester, Co-Owner, Dixon Ridge Farms

5:00 – 7:00 pm **Reception and poster session**

Meet the poster presenters and learn about their projects.



## September 24

7:00 – 8:00 am **Poster Session**

8:00 – 8:15 am **Opening Remarks:** Lori Lewis, US EPA, Region 9

8:15 – 10:30 am **Session 3: Cross-Media Coordination (includes a refreshment break)**

What are the new mechanisms for coordinating across agencies to permit organic residuals projects?

**Moderator:** Allen Dusault, Program Director, Sustainable Conservation

**Speakers:** Howard Levenson, Director of the Sustainability Program, California Integrated Waste Management Board

Mark Tollstrup, Chief, Project Assessments Branch, California Air Resources Board

Doug Williams, Owner, Williams Engineering Associates

Catherine Kuhlman, Executive Officer, North Coast Regional Water Quality Control Board

Caroll Mortensen, California State Senate Staff, Environmental Quality Committee

10:30-11:00 am **Special presentation on Fuel Cell/Plasma Arc Gasification:** Gerardo Diaz, School of Engineering, University of California at Merced

11:00 - 4:00 pm **Open Space Format/Interactive Sessions**

Interactive sessions convened with participants to further share and synthesize information, and strategize on topics of mutual interest. Box lunches will be included.

4:00 – 5:00 pm **Wrap-up / Follow-up**

**For more information, contact Lauren Fondahl, 415-972-3514, [fondahl.lauren@epa.gov](mailto:fondahl.lauren@epa.gov) or Laura Moreno, 415-947-4240, [moreno.laura@epa.gov](mailto:moreno.laura@epa.gov).**

Registration Fee: \$165 (includes Tuesday field trip).

Contact Nathan Sands for special student rates (see contact information below).

To register for the symposium, go to [http://extension.ucdavis.edu/renewable\\_energy](http://extension.ucdavis.edu/renewable_energy)

For questions about registration, contact Nathan Sands, UC Extension, 530-754-9001, [nsands@unexmail.ucdavis.edu](mailto:nsands@unexmail.ucdavis.edu)

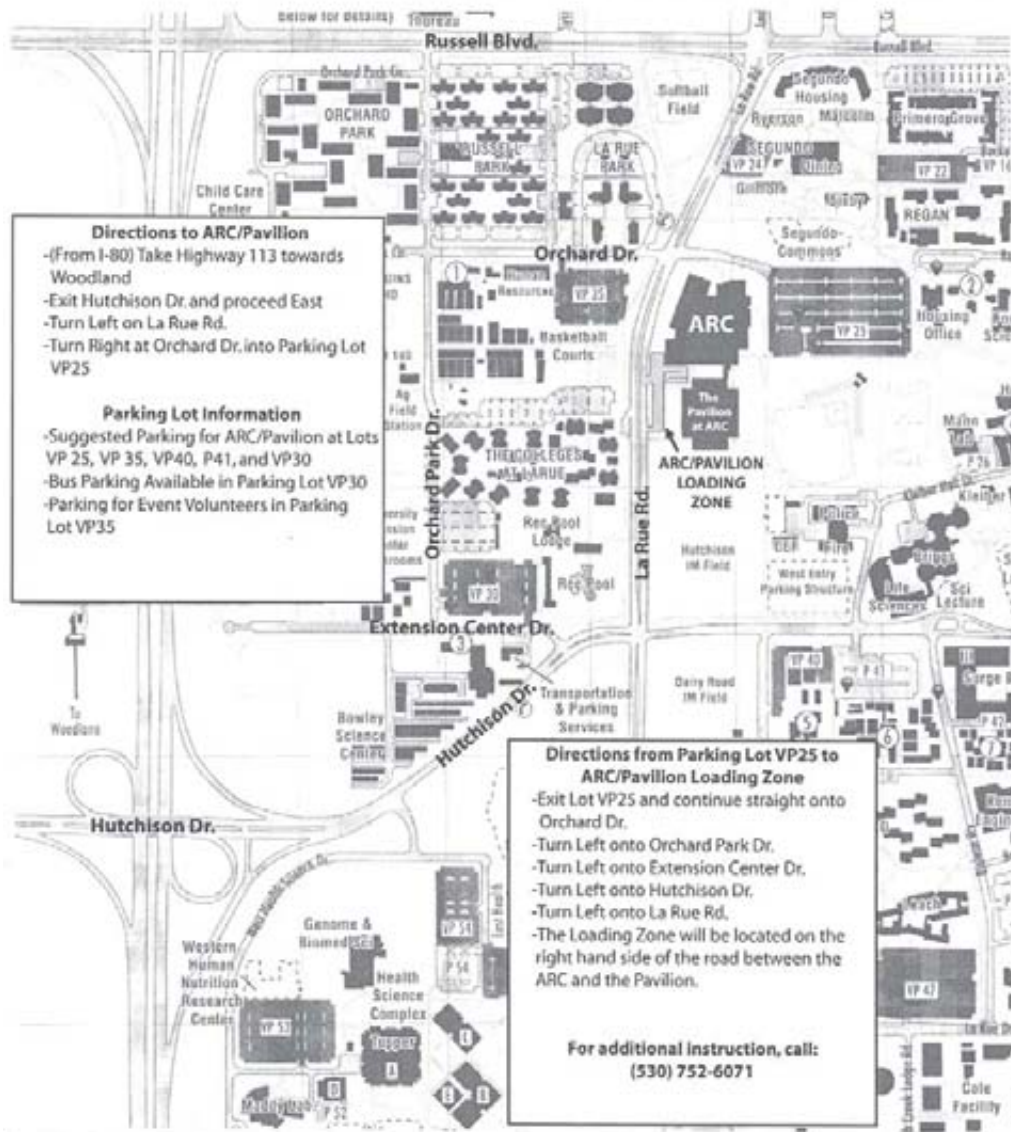
To display a poster at the poster session, contact Lauren Fondahl, 415-972-3514, [fondahl.lauren@epa.gov](mailto:fondahl.lauren@epa.gov)

Blocks of rooms have been reserved at the following hotels (ask for "PORS 2009" block):

Aggie Inn, 241 First St, Davis: 530-756-0352; \$95 to \$125

Best Western, 123 B. St., Davis: 530-756-7890: \$80

## UC DAVIS ARC/PAVILION



### Directions from San Francisco:

- Take I-80 East towards Sacramento
- Exit onto HWY 113 North towards Woodland
- Follow "Directions to ARC/Pavilion above"

### Directions from Sacramento:

- Take I-80 West towards San Francisco
- Exit onto HWY 113 North towards Woodland
- Follow "Directions to ARC/Pavilion above"

### Directions from Sacramento Airport:

- Take I-5 North towards Woodland
- Exit onto HWY 113 South towards Davis
- Exit Hutchison Dr. and Proceed East
- Follow "Directions to ARC/Pavilion above"

### Directions from South of Sacramento:

- Take I-5 North towards Sacramento
- Exit onto I-80 West towards San Francisco
- Exit onto HWY 113 North towards Woodland
- Follow "Directions to ARC/Pavilion above"