

September 28, 2018

Dear Sir or Madam:

The California Air Resources Board (CARB or Board) staff invites you to participate in a Co-processing Work Group Meeting to discuss co-processing of low-carbon feedstocks in conventional petroleum refineries. This event is intended to communicate staff guidance as well as solicit stakeholder feedback related to fuel pathway applications under the Low Carbon Fuel Standard (LCFS) Regulation involving facilities that co-process both petroleum-derived and non-petroleum-derived feedstocks in the same units.

Enclosed is a draft agenda for this Work Group Meeting. The notice, staff presentation, and other materials will be available at:

[http://www.arb.ca.gov/fuels/lcfs/lcfs\\_meetings/lcfs\\_meetings.htm](http://www.arb.ca.gov/fuels/lcfs/lcfs_meetings/lcfs_meetings.htm).

The meeting will be held at the following time and location:

DATE: Friday, October 19, 2018  
TIME: 9:00 a.m. to 1:00 pm  
LOCATION: Coastal Hearing Room, Second Floor  
ADDRESS: CAL/EPA Headquarters Building  
1001 "I" Street  
Sacramento, California 95814

Directions to the California Environmental Protection Agency (Cal/EPA) headquarters and information on available public transit can be found at the Cal/EPA website at

<http://calepa.ca.gov/headquarters-sacramento/location/>

This workshop will be webcast. You may access the webcast at the Cal/EPA's homepage at <https://video.calepa.ca.gov/>. During the webcast, we will accept feedback and questions sent via email to [coastalrm@calepa.ca.gov](mailto:coastalrm@calepa.ca.gov).

Sir or Madam  
September 28, 2018  
Page 2

You may participate in this meeting by teleconference by dialing **(888) 566-6185** (for domestic callers) or **(517) 308-9344** (for international callers). Callers will be asked to provide participant code: **7245917**. Please note that international calls are toll calls.

If you required special accommodation to attend this meeting or need this document in an alternative format (e.g., Braille, large print) or another language, please contact Mr. Valentine Montoya; at (916) 324-0428 or [Valentine.Monotya@arb.ca.gov](mailto:Valentine.Monotya@arb.ca.gov) as soon as possible. TYY/TDD/Speech to Speech users may dial 711 for the California Relay Service.

We welcome and encourage your participation in this effort. If you have questions about this meeting, please contact me at **(916) 322-8263** or via email at [Samuel.Wade@arb.ca.gov](mailto:Samuel.Wade@arb.ca.gov), or Mr. Anil Prabhu, Manager, Fuels Evaluation Section at (916) 445-9227 or via email at [Anil.Prabhu@arb.ca.gov](mailto:Anil.Prabhu@arb.ca.gov).

Sincerely



Sam Wade, Chief  
Transportation Fuels Branch

## **Work Group Meeting to Discuss Co-Processing Fuel Pathways in the Low Carbon Fuel Standard (LCFS) Regulation**

Friday, October 19, 2018

9:00 a.m. to 1:00 p.m.

Coastal Hearing Room, Second Floor

Cal/EPA Headquarters Building

1001 "I" Street

Sacramento, California 95814

### **Draft Agenda**

- Introductions and opening remarks
- Staff presentation
  - Update on  $^{14}\text{C}$  analysis for consideration in co-processing pathways
  - Updates on guidance for FCC and hydrotreater/hydrocracker based co-processing pathways
- Presentation on  $^{14}\text{C}$  testing from Lawrence Livermore National Laboratory Center for Accelerator Mass Spectrometry
- Presentation by Robert G. Graham from Ensyn about challenges of  $^{14}\text{C}$  for pyrolysis oil pathways at low blend levels
- Other invited stakeholder presentations
- Open discussion
- Next steps
- Adjourn meeting