

Alternative Technology Advisory Subcommittee  
Los Angeles County Solid Waste Management Committee/  
Integrated Waste Management Task Force

**April 17, 2025**

Los Angeles County Public Works  
900 South Fremont Avenue  
Alhambra, CA 91803

SUBCOMMITTEE MEMBERS PRESENT:

Siya Araumi, Los Angeles County Public Works  
Steve Cassulo, rep by Brenda Eells, Waste Connections  
William Chen, Los Angeles County Sanitation Districts  
Wayde Hunter, North Valley Coalition of Concerned Citizens, Inc.  
Ron Kent, rep by Ethan Simonoff, Southern California Gas  
Shikari Nakagawa-Ota, Los Angeles County Department of Public Health  
Barbara Romero, rep by Ron Milo, City of Los Angeles Bureau of Sanitation  
Eugene Tseng, UCLA Solid Waste Program  
Heather Williams, California Department of Resources Recycling and Recovery  
(CalRecycle)

SUBCOMMITTEE MEMBERS NOT PRESENT

Kate Downey, Republic Services  
Kevin Mattson, Waste Management

OTHERS PRESENT:

Jisela Herrera, Tetra Tech  
Bryce Madsen, Clean Energy Fuels  
Darren Kwan, Los Angeles County Public Works  
Carol Saucillo, Los Angeles County Public Works  
Lusine Shrivastava, Los Angeles County Public Works  
Kawsar Vazifdar, Los Angeles County Public Works  
Caleb Yun, Los Angeles County Public Works

## **I. CALL TO ORDER**

Mr. Siya Araumi called the meeting to order at 10:02 a.m.

## **II. APPROVAL OF MARCH 20, SUBCOMMITTEE MINUTES**

Mr. Wayde Hunter made a motion to approve the March 20, 2025, minutes, and Mr. Ethan Simonoff seconded. Motion passed unanimously.

## **III. UPDATE ON CONVERSION TECHNOLOGY PROJECT DEVELOPMENT**

Ms. Jisela Herrera stated that Tetra Tech submitted a:

- Draft Long-Term Solid Waste Disposal Needs Study for the Antelope Valley in compliance with the Lancaster Landfill Conditional Use Permit, Condition 92, which includes a high-level review of economic, environmental, and technical considerations for conversion technology (CT) facility options.
- Workplan based on the finalized Countywide Siting Evaluation Report for the development of anaerobic digestion (AD) and/or thermal CT facilities within Los Angeles County. This initial site assessment identified areas across the County with high development feasibility based on established siting criteria. Next steps include further evaluation of parcels identified as part of the initial site assessment.
- Phase 2 evaluation of three closed landfill sites, which evaluates the limits of waste and surrounding utilities for the potential development of AD and/or thermal CT facilities.

## **IV. UPDATE ON CONVERSION TECHNOLOGY POLICY AND LEGISLATION**

Ms. Lusine Shrivastava provided the following update:

- At this afternoon's Task Force meeting, Assembly Bill (AB) 70 will be discussed. This bill would direct CalRecycle to include pipeline biomethane converted from organic waste as eligible for procurement credit by local jurisdictions by January 1, 2027, and would codify a definition of "pyrolysis," as the thermal decomposition of material at elevated temperatures in the absence or near absence of oxygen.
- CalRecycle's Monthly Public Meeting has been moved to April 22, 2025, to coincide with Earth Day. The meeting can be attended in person or virtually through CalRecycle's website at [calrecycle.ca.gov](https://calrecycle.ca.gov).

## V. UPDATE ON CONVERSION TECHNOLOGY EVENTS/MEETINGS/OUTREACH ACTIVITIES

Ms. Shrivastava provided an update on upcoming CT events and conferences, which may also be found in the [CT Newsletter](#) and Subcommittee minutes:

- Renewable Natural Gas (RNG) Summit 2025: April 22 – 24, 2025, The Woodlands, TX.
- Biogas Americas 2025: April 28 – 30, 2025, Denver, CO.
- 2025 Regional Conference & General Assembly: May 1 – 2, 2025, Palm Desert, CA.
- Waste Expo 2025: May 5 – 8, 2025, Las Vegas, NV.
- Recycled Materials Association (ReMA) 2025: May 12 – 15, San Diego, CA.
- California Hydrogen Leadership Summit: June 3 – 4, 2025, Sacramento, CA.
- 2025 U.S. Product Stewardship Forum: June 3 – 5, 2025, Wheeling, IL.

## VI. PRESENTATION BY CLEAN ENERGY FUELS

Mr. Bryce Madsen from Clean Energy Fuels provided a [presentation](#) on the newly expanded renewable natural gas (RNG) fueling station which opened at the Los Angeles County Sanitation Districts (LACSD) AK Warren Water Facility in the City of Carson.

Mr. Hunter asked if "IMW" is a brand name for the compressors. Mr. Madsen replied yes, IMW is the compressor manufacturer.

Mr. Eugene Tseng asked if Clean Energy Fuels has considered partnering with other organizations such as Toyota in converting biogas into hydrogen. Mr. Madsen replied that they have a dedicated team focused on hydrogen conversion and identifying potential partnerships. Mr. William Chen said that LACSD considered partnering with Toyota Tsusho in the past, but did not because of the high price of hydrogen at the time.

Mr. Ron Milo asked if the fueling station only services Class 8 trucks. Mr. Madsen replied that it also services passenger vehicles. Mr. Milo asked if there are any tax incentives for government entities. Mr. Madsen replied that, although the alternative fuel tax credit ended on December 31, 2024, he can work with interested parties to optimize fuel pricing. Mr. Madsen added that Congress is considering an alternative fuel tax credit that is expected to pass in 2026.

Mr. Hunter asked if the fast-fill dual-hose dispensers fill one vehicle at a time. Mr. Madsen replied that they are two separate hoses that each fill a vehicle.

Mr. Simonoff asked what percentage the station's natural gas supply is RNG from the LACSD wastewater treatment plant. Mr. Madsen replied that currently LACSD supplies about 4,000 MMBtus of RNG per month, which is equal to 25 percent of the natural gas used at the fueling station.

## **VII. PUBLIC COMMENTS**

No public comment.

## **VIII. ADJOURNMENT**

The meeting adjourned at 10:37 a.m. The next ATAS meeting is tentatively scheduled for Thursday, May 15, 2025.