

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

**March 19, 2026**

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

SUBCOMMITTEE MEMBERS PRESENT:

Siya Araumi, Los Angeles County Public Works  
Sharon Bronson, Republic Services  
Will Chen, Los Angeles County Sanitation Districts  
Brenda Eells, Waste Connections  
Bernadette Halverson, Los Angeles County Sanitation Districts  
Wayde Hunter, North Valley Coalition of Concerned Citizens, Inc.  
Shanthy Kanneganti, California Department of Resources Recycling and Recovery  
(CalRecycle)  
John Mendieta, Waste Management  
Ethan Simonoff, Southern California Gas  
Eugene Tseng, UCLA Solid Waste Program  
Beverly Tway, Los Angeles County Department of Public Health

OTHERS PRESENT:

Bianca Costa, Earthia Bio  
Nadia Szeinbaum, Earthia Bio  
Cesar Leon, Tetra Tech  
Darren Kwan, Los Angeles County Public Works  
Tran Kiem, Los Angeles County Public Works  
Aaron Nolan, Los Angeles County Public Works  
Adrian Perea, Los Angeles County Public Works  
Carol Saucillo, 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 a.m.

## **II. APPROVAL OF FEBRUARY 19, 2026, SUBCOMMITTEE MINUTES**

Mr. Wayde Hunter made a motion to approve the February 19, 2026, minutes, and Mr. Eugene Tseng seconded. Motion passed unanimously.

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

Mr. Cesar Leon stated that Tetra Tech:

- Submitted a draft Long-Term Solid Waste Disposal Needs Study for 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.
- Is conducting a Parcel Evaluation (Phase II), which includes further evaluation of parcels identified as part of the initial site assessment, the Countywide Siting Evaluation (Phase I).

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

Ms. Tran Kiem provided the following update:

During the March 17, 2026, monthly meeting, CalRecycle:

- Provided an update on the California Zero Waste Plan:
  - The plan outlines steps for policy and action to eliminate waste, keep materials in use, and address cost and pollution burdens.
  - The plan quantifies benefits of these actions, which include \$411 billion in economic potential, 531,000 new jobs, and \$11 billion in avoided health and environmental costs by 2050.
  - The plan includes 15 recommendations in eight categories and is based on a new Material Management Hierarchy.
- Provided an update on the implementation of the Senate Bill (SB) 54 Plastic Pollution Prevention Act:
  - CalRecycle held a 15-day comment period on the proposed revised regulations from January 29 to February 13, 2026.
  - Regulations are expected to be finalized early 2026. For more information, please visit the SB 54 rulemaking [website](#).

- Provided an update on the SB 707 Responsible Textile Recovery Act:
  - CalRecycle has approved Landbell USA for their Producer Responsibility Organization.
  - Producers of covered textiles articles and apparel must join Landbell USA by July 1, 2026.
  - CalRecycle is hosting an informational workshop for the Textile Stewardship Program on April 7, 2026, to provide an overview of the needs assessment requirements outlined in the law.

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

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

- Southern California Waste Management Forum (SCWMF) Spring Conference: March 25, 2026, Whittier, CA
- The 19th Annual International Biomass Conference and Expo: March 31 – April 2, 2026, Nashville, TN
- The National Association of County Engineers 2026 Annual Conference, April 12 – 15, 2026, Arlington, TX

## **VI. PRESENTATION BY WAYS2H**

Mr. Jean-Louis Kindler provided a [presentation](#) on their hydrogen and carbon products from organic feedstock.

Mr. Ethan Simonoff asked if an air separation unit is used in the hydrogen and carbon conversion process. Mr. Kindler confirmed an air separation unit is used. Mr. Simonoff asked if tar is produced as a byproduct of the process. Mr. Kindler indicated that the process temperature minimizes tar generation.

Mr. Tseng asked if the feedstock used for the process is primarily composed of biomass. Mr. Kindler replied that the feedstock includes various components, such as biomass. Mr. Kindler noted that while feedstock quality impacts yield, it does not compromise process stability. Mr. Tseng asked what other products besides carbon dioxide are produced. Mr. Kindler replied that liquid carbon dioxide is also produced, with carbon dioxide also being converted into ethylene.

Mr. Araumi inquired about the estimated capital expenditure for constructing a CT facility in Los Angeles. Mr. Kindler replied that the capital expenditure for constructing a 60-pound per day capacity facility is approximately \$60 million.

Mr. Araumi asked about the facility's power needs and its self-sufficiency. Mr. Kindler confirmed the facility requires about 6 kilowatt hours per kilogram to produce hydrogen. Mr. Kindler added that in inaccessible or expensive areas, the produced hydrogen can be utilized directly for electricity.

## **VII. PUBLIC COMMENTS**

No public comment.

## **VIII. ADJOURNMENT**

The meeting adjourned at 10:47 a.m. The next ATAS meeting is tentatively scheduled for Thursday, April 16, 2026.