



# Western Riverside Council of Governments Clean Cities Coalition

## AGENDA

**Wednesday, May 23, 2018**

**1:00 p.m.**

**(Lunch will be served at 12:30 p.m.)**

**Western Riverside Council of Governments  
Citrus Conference Room  
3390 University Ave. Suite 450  
Riverside, CA 92501**

In compliance with the Americans with Disabilities Act and Government Code Section 54954.2, if special assistance is needed to participate in the Clean Cities Coalition meeting, please contact WRCOG at (951) 405-6711. Notification of at least 48 hours prior to meeting time will assist staff in assuring that reasonable arrangements can be made to provide accessibility at the meeting. In compliance with Government Code Section 54957.5, agenda materials distributed within 72 hours prior to the meeting which are public records relating to an open session agenda item will be available for inspection by members of the public prior to the meeting at 3390 University Avenue, Suite 450, Riverside, CA, 92501.

The Clean Cities Coalition may take any action on any item listed on the agenda, regardless of the Requested Action.

- 1. CALL TO ORDER**
- 2. SELF INTRODUCTIONS**
- 3. PUBLIC COMMENTS**

At this time members of the public can address the Clean Cities Coalition regarding any items with the subject matter jurisdiction of the Coalition that are not separately listed on this agenda. Members of the public will have an opportunity to speak on agenda items at the time the item is called for discussion. No action may be taken on items not listed on the agenda unless authorized by law. Whenever possible, lengthy testimony should be presented to the Committee in writing and only pertinent points presented orally.

#### **4. CONSENT CALENDAR**

All items listed under the Consent Calendar are considered to be routine and may be enacted by one motion. Prior to the motion to consider any action by the Coalition, any public comments on any of the Consent Items will be heard. There will be no separate action unless members of the Coalition request specific items be removed from the Consent Calendar.

- A. **Summary Minutes from the November 1, 2017, Clean Cities Coalition Meeting are Available for Consideration.** P. 1

**Requested Action:** 1. *Approve the Summary Minutes from the November 1, 2017, Clean Cities Coalition meeting.*

- B. **2018 Regional Transportation Summit Report** P. 5

**Requested Action:** 1. *Receive and File.*

## 5. **REPORTS/DISCUSSION**

- A. **Guest Presentation: Compressed Natural Gas Vehicles, Grants, and Incentives** *Jason Lewis, SoCal Gas* P. 9

**Requested Action:** 1. *Receive and file.*

- B. **Guest Presentation: Local Fuel Cell Vehicle Rideshare Program** *Jonathan Palacios-Avila, StratosFuel* P. 11

**Requested Action:** 1. *Receive and file.*

- C. **Update on California Air Resources Board Volkswagen Environmental Mitigation Trust Funding Plan** *Taylor York, Kearns & West* P. 13

**Requested Action:** 1. *Receive and file.*

- D. **Highlights of 2018 Alternative Clean Transportation Expo** *Taylor York, Kearns & West* P. 15

**Requested Action:** 1. *Receive and file.*

- E. **Western Riverside County Alternative Fuel Vehicle Fueling Infrastructure Study** *Taylor York, Kearns & West* P. 17

**Requested Action:** 1. *Receive and file.*

## 6. **ITEMS FOR FUTURE AGENDAS** *Members*

Members are invited to suggest additional items to be brought forward for discussion at future Clean Cities Coalition meetings.

## 7. **GENERAL ANNOUNCEMENTS** *Members*

Members are invited to announce items/activities which may be of general interest to the Clean Cities Coalition.

8. **NEXT MEETING:** The next Clean Cities Coalition meeting is scheduled for Wednesday, July 25, 2018, at 1:00 p.m.; location to be determined.
9. **ADJOURNMENT**

Page Intentionally Left Blank

**1. CALL TO ORDER**

The meeting of the Clean Cities Coalition (Coalition) was called to order at 1:00 p.m. by Chris Tzeng of WRCOG at the City of Moreno Valley Conference & Recreation Center, Alessandro Room B.

**2. SELF INTRODUCTIONS**

**Members present:**

Eric Lewis, City of Moreno Valley  
Daniel McGivney, So Cal Gas  
Lori J. Askew, City of Calimesa  
Mike Roberts, City of Riverside  
Jennifer McMullin, City of Corona  
Marsie Rosenberg Gutierrez, Riverside University Health System – Public Health (County Department of Public Health)  
Charlie Heinz, City of Hemet  
Greg Schultze, Arro Autogas/Delta Liquid Energy  
David Vance, AmeriGas Propane Co.  
Daniel Wong, South Coast Air Quality Management District

**Staff present:**

Christopher Tzeng, Program Manager

**Kearns & West Staff Present:**

Taylor York, Kearns & West  
Nicole Poletto, Kearns & West

**Guests present:**

Keith Malone, California Fuel Cell Partnership

**3. PUBLIC COMMENTS**

There were no public comments.

**4. CONSENT CALENDAR**

- A. Summary Minutes from the Feb 21, 2017, Clean Cities Coalition meeting are available for consideration.**

**Action:** 1. *The Summary Minutes from the February 21, 2017, Clean Cities Coalition meeting were approved by the Committee as a whole. The Cities of Banning, Eastvale, Lake Elsinore, Perris, San Jacinto, Temecula and the County of Riverside were not present.*

**5. REPORTS/DISCUSSIONS**

- A. Clean Cities Coalition Leadership**

Selection of Clean Cities Coalition Chair and Vice-Chair positions for the rest of Fiscal Year 2017-2018.

**Action:** 1. *The selection of Clean Cities Coalition Chair and Vice-Chair for the rest of Fiscal Year 2017-2018 was approved by the Committee as a whole. The Cities of Banning, Eastvale, Lake Elsinore, Perris, San Jacinto, Temecula and the County of Riverside were not present.*

## **B. Introduction of Kearns and West**

Chris Tzeng, WRCOG staff, introduced Taylor York and Nicole Poletto from Kearns & West to the Clean Cities Coalition.

WRCOG released a Request for Proposal (RFP) for On-Call Planning Services in March 2017. Kearns & West will be carrying out Clean Cities Coordinator duties, with direction from WRCOG staff. Other coalition operations will not change. Any topics members would like to discuss or would like more information on will drive the Coalition's meeting agendas and information sharing.

Taylor York has previous direct experience in Clean Cities Coordinator duties, so this should be a seamless transition. Based on their experience, the Clean Cities Coalition should excel and grow with informational and current topics that will benefit members. They also have industry contacts that will provide even more informative meetings and events.

## **C. Fuel Cell Electric Vehicles and Hydrogen Fueling in California**

Keith Malone ([kmalone@cafcp.org](mailto:kmalone@cafcp.org)) from the California Fuel Cell Partnership (CAFCP) gave a presentation on the status of Hydrogen Fuel Cell Vehicles and fueling infrastructure in California. His presentation included information on available vehicles, as well as current and future fueling infrastructure. Keith noted that EV vehicles come in two flavors: battery and fuel cell, and that we need both technology pathways. CAFCP is a public partnership that began in 1999 and consists of major automakers as well as hydrogen producers, fuel cell manufacturers, etc. Their mission is to involve everyone in working towards the commercialization of fuel cell vehicles. After a quick introduction of how fuel cell vehicles work, Keith went over the current infrastructure in California. There are currently about 2,700 fuel cell passenger cars on the road, with 31 fueling stations currently operating. There are also about 60 hydrogen stations coming soon. The goal is to strategically locate 100 hydrogen fueling stations at pre-existing gas stations. There is a map on the CAFCP website which demonstrates where all the stations are located, including open stations, in development stations, and proposed stations.

Fuel cells are not used only in cars. Fuel cell forklifts are currently the most mature market. Trucks, ferries, trolleys, and trains are also under development, on the market, or in the demonstration phase. The US military has contracted General Motors to produce hydrogen fuel cell vehicles for military use, due to low heat signature, quiet operation, functional fuel sources, functional technology in extreme temperatures, and even an output that creates a drinkable water source. Fuel cell electric buses are the first early adopters in the heavy-duty category that will pave the way for other vehicles.

Eric Lewis raised a concern about the importance of the availability and functionality of "connector" stations, which allow fuel cell drivers access to fuel between major cities. Keith responded that California is an early adopter market so station developers are trying to stay ahead of it and make consumers aware of which stations are available.

In terms of cost, the cost of fuel is about 16 dollars per kg and vehicles can be leased for about 200-300 dollars per month. Toyota is selling vehicles, while Hyundai and Honda are only leasing.

**Action:** 1. *Received and filed.*

#### **D. Upcoming Funding Opportunities**

Daniel Wong from AQMD gave a presentation on an upcoming funding opportunity for city and county staff members through the MSRC's Clean Transportation Funding. Jurisdictions are encouraged to access their 2766 funds for electric vehicles, electric vehicle leases, light synchronization, bikes, etc. For questions about participating in the program, contact Cynthia Ravenstein ([cravenstein@aqmd.gov](mailto:cravenstein@aqmd.gov)) or Ray Gorski ([rgosrki@aqmd.gov](mailto:rgosrki@aqmd.gov)). The program opened in September 2017 and will sunset in March 2018. All cities in the South Coast Air Basin are entitled to a certain amount of funding, depending on population.

Chris Tzeng, WRCOG, reminded members that WRCOG has set aside funds to provide grant writing assistance to Coalition agencies. For more information about applying to the MSRC grant, or any grants that are "Clean Cities-related", contact Chris Tzeng ([ctzeng@wrcog.us](mailto:ctzeng@wrcog.us)).

David Vance from AmeriGas Propane expressed concerned that class four through class seven work trucks and vehicles are eliminated in the MSRC grant due to the 0.02 g/bhp-hr category limit. He also raised a concern that there are reimbursements for natural gas and hydrogen fueling but not for propane.

Daniel Wong noted that he attended the ARB Board meeting for the Volkswagen Mitigation Trust meeting, which will be administered by the California Air Resources Board (CARB). California received 340 million dollars, and is aiming to mitigate 100% of the NOx emissions caused by the actions taken by Volkswagen. CARB is sensitive to ensuring that cities across the state, regardless of size, received equitable access to funding. They are accepting proposals from communities that do not meet air quality standards or that experience challenges with environmental justice areas. CARB will have ongoing hearings to facilitate public input. AQMD encourages that regional input be sent to CARB to strengthen applications for funding.

Contact Daniel Wong ([dwong@aqmd.gov](mailto:dwong@aqmd.gov)), AQMD, for more information.

**Action:** 1. *Received and filed.*

#### **E. Regional Transportation Summit Discussion**

WRCOG has partnered with the City of Moreno Valley to host a Transportation Summit on January 17, 2018 from approximately 9 a.m. – 2 p.m. with panelists, moderators, speakers, networking, vendors, and display vehicles. Entry to the event will be free for all stakeholders, and information about entry fee for others is forthcoming. The summit will cover a variety of transportation topics, including alternative fuels. The keynote speaker for the event will discuss the future of autonomous vehicles.

Coalition members provided suggestions for topics and vendors to invite, including Metrolink, and suggested reaching out the Sacramento Clean Cities about best practices from their very successful alternative fuel vehicle expo. Keith Malone, CAFCP, offered to provide a display of hydrogen fuel cell vehicles and offered other contacts to reach out to. Eric Lewis, Moreno Valley, suggested that we could get a Karma vehicle on site to display as well. Members also noted that it may be beneficial to include vendors representing alternative fuel or hybrid vehicles for EMT vehicles.

#### **F. Clean Cities Coalition Meeting Schedule for 2018**

**Action:** 1. *Received and filed.*

## **6. ITEMS FOR FUTURE AGENDAS**

1. Legislation updates that could be used to inform committee members at each meeting.
2. Potential list of agenda items could be presented to Coalition members so they could vote on appropriate items for the next agenda rather than organically coming up with ideas.
3. Having a meeting at CSERT is still an option in order to get a tour and presentation.

## **7. GENERAL ANNOUNCEMENTS**

No general announcements

**8. NEXT MEETING:**            **The Transportation Summit on January 17, 2018, will serve as the next Clean Cities Coalition meeting. The next regularly scheduled Clean Cities Coalition meeting will take place on April 25, 2018, location TBD.**

**9. ADJOURNMENT:**        **The meeting was adjourned at 2:26 p.m.**



# Western Riverside Council of Governments Clean Cities Coalition

## Staff Report

**Subject:** 2018 Regional Transportation Summit Report

**Contact:** Christopher Gray, Director of Transportation, [cgray@wrcoq.us](mailto:cgray@wrcoq.us), (951) 405-6710

**Date:** May 23, 2018

*The purpose of this item is to provide a report on the 2018 Regional Transportation Summit.*

### **Requested Action:**

1. Receive and file.

*WRCOG has held conferences in the past that provide opportunities to learn more about sectors and emerging technologies that can help create healthier communities. WRCOG held the 2018 Regional Transportation Summit to provide information on the future of transportation and preparing for it.*

### **Summit Overview**

The WRCOG Clean Cities Coalition and the City of Moreno Valley hosted the Western Riverside County 2018 Regional Transportation Summit on January 17, 2018, at the Moreno Valley Conference and Recreation Center, in Moreno Valley. Through discussion with experts and industry professionals, participants learned about new transportation technologies, best practices, and funding for the future while exploring the questions of "Where are we going?" and "How do we get there?" Participants also had the opportunity to network with transportation industry leaders during a Vendor Expo and Social Mixer. The Social mixer was organized by the Inland Empire branch of the U.S. Green Building Council, Los Angeles, and sponsored by Stonefire Grill and Inland Empire Brewing Company.

### **Format and Activities**

**Vendor Expo:** Nine organizations participated as vendors. The Summit began with the Vendor Expo, and attendees had the opportunity to browse booths and vehicles during registration and breakfast. The Expo resumed during lunch, and again after the keynote speaker presentation. Of the nine vendors, three brought clean energy vehicles to showcase at the Summit.

*Vehicle Vendor participants included:*

- California Fuel Cell Partnership – Hydrogen Fuel Cell Vehicle
- Phoenix Motorcars – All-Electric Shuttle Bus
- Riverside Transit Agency (RTA) – Natural gas Transit Bus

*Additional Vendor participants included:*

- AmeriGas – Propane Autogas
- County Health – Active Transportation Network – Safe Routes to Schools

- CalTrans – Bike plan initiative
- IE Commuter – Rideshare promotional materials and incentive opportunities available to commuters
- South Coast Air Quality Management District – Clean air programs
- US Gain – Natural gas vehicle fueling

Moderated Panel Discussions: Victoria Baca, City of Moreno Valley Mayor Pro Tem, welcomed attendees, and Emcee Mike Bolin introduced panel moderators. Each panel session was an hour in length with ten minutes allotted for questions from the audience.

The first panel session was moderated by Ryan Snyder from the Transpo Group, and addressed the question “Where are we going?” by highlighting transportation planning and technology. Panelists included (in order of appearance):

- Ryan Snyder, Transpo Group (moderator)
- Brad Weaver, Riverside Transit Agency
- Roderick Diaz, Metrolink
- Bryan Jones, Alta Planning + Design
- Steve Mager, Traffic Technology Sensors

Each panel speaker discussed general transportation / autonomous vehicles, active transportation, traffic management technology, local transit, and regional transit, respectively.

WRCOG’s Christopher Gray moderated the second panel session and addressed the question “How do we get there?” by discussing practices, regulations, and funding that make advancements in transportation possible. Panelists included (in order of appearance):

- John Standiford, Riverside County Transportation Commission
- Destin Blais, Blais & Associates
- Peter Christensen, California Air Resource Board
- Michael Terreri, Center for Sustainable Energy
- Seth Litchney, San Diego Association of Governments (SANDAG)

Panelists discussed transportation planning and funding, grant writing, transportation policy, alternative fuel vehicles, and best-practices from San Diego’s Transit Oriented Development (TOD) strategy.

Keynote Speaker: Hasan Ikhata, Executive Director of the Southern California Association of Governments, served as the keynote speaker. Mr. Ikhata discussed the future of transportation and highlighted the issue of affordable housing as a key concern for cities in the future. Mr. Ikhata’s presentation addressed challenges and opportunities for the millennial generation, and how these impact planning for the future.

Closing Remarks: Debbie Franklin, City of Banning Mayor Pro Tem, provided closing remarks, and thanked attendees and panelists.

Social Mixer: The Social Mixer was hosted by the Inland Empire Branch of the U.S. Green Building Council, Los Angeles, and sponsored by Stonefire Grill and Inland Empire Brewing Company and had approximately 30 guests in attendance, providing an opportunity for networking.

Attendance: 125 people attended the 2018 Transportation Summit including participants, staff, speakers, and vendors. A number of local leader and elected officials participated in the Summit:

- Debbie Franklin (City of Banning)
- Jim Hyatt (City of Calimesa)
- Linda Clark Molina (City of Calimesa)
- Dawn Haggerty (City of Canyon Lake)
- Linda Krupa (City of Hemet)

- Lisa Sobek (City of Menifee)
- Victoria Baca (City of Moreno Valley)
- David Marquez (City of Moreno Valley)
- Michael Vargas (City of Perris)
- Ben Benoit (City of Wildomar)

**Prior Action:**

None.

**Fiscal Impact:**

This item is informational purposes only; therefore, there is no fiscal impact.

**Attachment:**

None.

Page Intentionally Left Blank



# Western Riverside Council of Governments Clean Cities Coalition

## Staff Report

**Subject:** Guest Presentation: Compressed Natural Gas Vehicles, Grants, and Incentives

**Contact:** Jason Lewis, SoCal Gas, [JLewis2@SempraUtilities.com](mailto:JLewis2@SempraUtilities.com), (213) 244-8179

**Date:** May 23, 2018

---

*The purpose of this item is to provide more information to the Committee on Compressed Natural Gas vehicle opportunities.*

**Requested Action:**

1. Receive and File

---

WRCOG has invited Jason Lewis from SoCal Gas, to give a presentation on available natural gas powered vehicles, as well as available and upcoming grants and incentives for the purchase of natural gas vehicles and infrastructure. Following the presentation, meeting attendees will have the opportunity to ask questions.

**Prior Action:**

None.

**Fiscal Impact:**

This item is informational purposes only; therefore, there is no fiscal impact.

**Attachment:**

None.

Page Intentionally Left Blank



# Western Riverside Council of Governments Clean Cities Coalition

## Staff Report

**Subject:** Guest Presentation: Local Fuel Cell Vehicle Rideshare Program  
**Contact:** Jonathan Palacios-Avila, StratosFuel, [jpa@stratosfuel.com](mailto:jpa@stratosfuel.com), (909) 317-0519  
**Date:** May 23, 2018

---

*The purpose of this item is to provide more information to the Committee on a hydrogen fuel cell car sharing program.*

**Requested Action:**

1. Receive and file.
- 

WRCOG has invited Jonathan Palacios-Avila from StratosFuel to give a presentation on an upcoming hydrogen fuel cell car sharing program in the City of Riverside and the City of Ontario. The program is expected to be operating later this year, and will provide users with fuel cell powered vehicles that can be picked up and dropped off at convenient locations. Following the presentation, meeting attendees will have the opportunity to ask questions.

**Prior Action:**

None.

**Fiscal Impact:**

This item is for informational purposes only; therefore, there is no fiscal impact.

**Attachment:**

None.

Page Intentionally Left Blank



# Western Riverside Council of Governments Clean Cities Coalition

## Staff Report

**Subject:** Update on California Air Resources Board Volkswagen Environmental Mitigation Trust Funding Plan

**Contact:** Taylor York, Kearns & West, [tyork@kearnswest.com](mailto:tyork@kearnswest.com), (951) 405-3405

**Date:** May 23, 2018

*The purpose of this item is to provide more an update to the Committee on the California Air Resources Board's Volkswagen Environmental Mitigation Trust Funding Plan.*

### **Requested Action:**

1. Receive and File

On March 7, 2018, the California Air Resources Board (CARB) hosted a public workshop on Developing a Beneficiary Mitigation Plan for California's Allocation of the Volkswagen Environmental Mitigation Trust. The workshop presented an introduction to the program, and outlined recommended eligible mitigation options, estimated emissions reductions, and implementation options / funding categories.

In September, 2015, Volkswagen admitted to installing emissions cheating devices on about 500,000 2.0 liter diesel models and about 87,000 3.0 liter diesel model. As a result of a settlement with the US Environmental Protection Agency, VW has agreed to take action to help mitigate excess NOx emissions caused by its activities. One component of this action is the Environmental Mitigation Trust, which requires that Volkswagen pay about \$3 billion over a three year period to encourage adoption of vehicles and infrastructure to mitigate the effects of excess NOx emission. California's allocation of this trust is about \$423 million.

The March CARB workshop outlined a set of proposed categories for this funding, which are:

- Transit, school, and shuttle buses
- Class 8 freight and port drayage trucks
- Zero-emission freight / marine
- Combustion freight / marine
- Light-duty zero emission vehicle infrastructure

Taylor York, Kearns & West, attended the workshop, and will give a brief update on what was presented, as well as an estimated timeline for fund availability.

### **Prior Action:**

None.

### **Fiscal Impact:**

This item is for informational purposes only; therefore, there is no fiscal impact.

**Attachment:**

None.



# Western Riverside Council of Governments Clean Cities Coalition

## Staff Report

**Subject:** Highlights of 2018 Alternative Clean Transportation (ACT) Expo

**Contact:** Taylor York, Kearns & West, [tyork@kearnswest.com](mailto:tyork@kearnswest.com), (951) 405-3405

**Date:** May 23, 2018

*The purpose of this item is to provide a summary to the Committee on the Alternative Clean Transportation (ACT) Expo.*

**Requested Action:**

1. Receive and File

The Alternative Clean Transportation (ACT) Expo is a large, annual, clean fleet event hosted at the Long Beach Convention center. The purpose of the expo is to provide a forum for knowledge sharing, networking, and exploration of alternative fuel vehicle technologies, policies, and planning.

Taylor York, Kearns & West, attended this year's Expo, which was held from April 30 through May 3, 2018, and will give a presentation with brief highlights of the event.

Note that, as part of each jurisdiction's WRCOG Clean Cities membership, WRCOG will cover the cost of one person to attend this event. This offer includes reimbursement for this year's event as well as future events. Please contact WRCOG Clean Cities Staff for more information.

**Prior Action:**

None.

**Fiscal Impact:**

This item is for informational purposes only; therefore, there is no fiscal impact.

**Attachment:**

None.

Page Intentionally Left Blank



# Western Riverside Council of Governments Clean Cities Coalition

## Staff Report

**Subject:** Western Riverside County Alternative Fuel Vehicle Fueling Infrastructure Study

**Contact:** Taylor York, Kearns & West, [tyork@kearnswest.com](mailto:tyork@kearnswest.com), (951) 405-3405

**Date:** May 23, 2018

*The purpose of this item is to introduce an alternative fuel vehicle fueling infrastructure study that WRCOG would like to conduct on behalf of its member agencies.*

**Requested Action:**

1. Receive and File.

*As alternative fuel vehicles become more prevalent and access to them is increased, the need for jurisdictions to provide a more robust fueling infrastructure may be necessary. Through its efforts to better understand and help plan for alternative fuel vehicle adoptions and infrastructure installation, WRCOG will be initiating an alternative fuel vehicle infrastructure and signage study in Western Riverside County.*

**Proposed Study**

Using existing data from the Department of Energy’s Alternative Fuel Station Finder, and online interactive map of existing AFV infrastructure in Western Riverside County region will be created. Using an ESRI Story Map format, this map will be created to allow easy review and feedback from jurisdictions and other stakeholders allowing for addition and subtraction of stations, signage, and vehicles.

Using the updated interactive story map, WRCOG will visually identify gaps in fueling station coverage, which will help to identify priority needs for future stations and funding.

Taylor York, Kearns & West, will give a brief overview of the project.

**Prior Action:**

None.

**Fiscal Impact:**

This study will be a WRCOG Transportation Department activity and it is included in the Agency’s adopted Fiscal Year 2017/2018 Budget under the Transportation Department.

**Attachment:**

None.