



# **Western Riverside Council of Governments Clean Cities Coalition**

## **AGENDA**

**Wednesday, October 24, 2018  
1:00 p.m.**

**City of Riverside Corporation Yard  
8095 Lincoln Avenue  
Riverside, CA 92504**

**\*PLEASE NOTE MEETING LOCATION\***

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) 405-6703. 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. PUBLIC COMMENTS**

At this time members of the public can address the Clean Cities Coalition regarding any items 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.

### **3. MINUTES**

**P. 1**

- A. Summary Minutes from the August 29, 2018, Clean Cities Coalition Meeting are Available for Consideration.**

**Requested Action:** 1. *Approve the Summary Minutes from the August 29, 2018, Clean Cities Coalition meeting.*

#### 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 Committee, any public comments on any of the Consent Items will be heard. There will be no separate action unless members of the Committee request specific items be removed from the Consent Calendar.

##### A. Clean Cities Coalition 2019 Meeting Schedule P. 5

**Requested Action:** 1. Approve the schedule of Clean Cities Coalition meetings for 2019.

#### 5. REPORTS / DISCUSSION

##### A. Alternative Fuel Corridors Tool Rollout Discussion Taylor York, Kearns & West P. 11

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

##### B. Compressed Natural Gas Technology Focus Group Taylor York, Kearns & West P. 13

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

##### C. Case Study: Stratos Share Hydrogen Car Sharing Program Jonathan Palacios-Avila, P. 15 StratosFuel

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

##### D. City of Riverside Alternative Fueling Station Tour 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, January 23, 2019, at 1:00 p.m.; location to be determined.

#### 9. ADJOURNMENT

**1. CALL TO ORDER**

The meeting of the Clean Cities Coalition (Coalition) was called to order at 1:00 p.m. by Chair Eric Lewis at the Moreno Valley City Hall, Second Floor Training Room.

**2. SELF INTRODUCTIONS**

**Members present:**

Jason Farin, County of Riverside  
Eric Lewis, City of Moreno Valley  
Mike Roberts, City of Riverside  
Crystal Adams, City of Eastvale  
Daniel McGivney, SoCalGas

**Staff present:**

Christopher Gray, Director of Transportation  
Christopher Tzeng, Program Manager  
Kyle Rodriguez, Staff Analyst

**Guests present:**

Taylor York, Kearns & West  
Melina Smith-Castro, Kearns & West  
Robert Kain, Placeworks  
John Hipchen, Konnectronix (Call-In)

**3. PUBLIC COMMENTS**

There were no public comments.

**4. CONSENT CALENDAR** – *(Riverside / Eastvale) Item 4.A was approved by the Committee as a whole. The Cities of Banning, Corona, Hemet, Lake Elsinore, Perris, San Jacinto, and Temecula were not present.*

**A. Summary Minutes from May 23, 2018, Clean Cities Coalition Meeting are Available for Consideration.**

**Action:** 1. *Approved the Summary Minutes from the May 23, 2018, Clean Cities Coalition meeting.*

**5. REPORTS / DISCUSSION**

**A. Funding Update, South Coast Air Quality Management District**

Taylor York provided a funding update on the Volkswagen Environmental Mitigation Trust funds. Funds are expected to be released during the first quarter of 2019 and will be distributed by the Beneficiary Mitigation Plan, available at [https://www.arb.ca.gov/msprog/vw\\_info/vsi/vw-mititrust/vw-mititrust.htm](https://www.arb.ca.gov/msprog/vw_info/vsi/vw-mititrust/vw-mititrust.htm).

South Coast Air Quality Management District, Bay Area Air Quality Management District, and San Joaquin Valley Air Pollution Control District will each administer specific programs. Categories and their respective administrators are listed in the table below.

Category	Administrator
Zero-Emission Transit, School, and Shuttle Buses	San Joaquin Valley Air Pollution Control District
Zero-Emission Class 8 Freight and Port Drayage Trucks	South Coast Air Quality Management District
Zero-Emission Freight and Marine Projects Forklifts and Port Cargo Handling Equipment Airport Ground Support Equipment Oceangoing Vessel Shore Power Zero-Emission Ferry, Tugboat, and Towboat Repowers	Bay Area Air Quality Management District
Combustion Freight and Marine Projects Low NOx Class 7-8 Freight Trucks Tier 4 Freight Switchers Tier 4 or Hybrid Ferry, Tugboat, and Towboat Repowers	South Coast Air Quality Management District
Light-Duty Zero-Emission Vehicle Infrastructure	Bay Area Air Quality Management District

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

**B. Update on Alternative Fuel Corridors Tool**

So-n-so reported that as part of the Coalition’s effort to improve alternative fuel vehicle (AFV) fueling options for jurisdictions, fleets, and AFV drivers in Western Riverside County, as well as those drivers passing through the County, WRCOG continues preparation of its Alternative Fuel Corridors Tool. Using available data, as well as data gathered directly from WRCOG jurisdictions, the Coalition is in the process of creating a tool to help organize and inventory alternative fuel stations and signage, facilitate input from authorities through an online platform, and assist with the creation of a prioritized list of needed AFV fueling stations and directional signage. This tool kit will also help to identify existing and required signage along existing FAST-ACT corridors and may help to identify missing passages that should be nominated for designation. It will also allow for the creation of a prioritized list of station citing opportunities, making applications for grant funding more efficient.

Robert Kain provided a demonstration of the draft tool, and staff facilitated a discussion about program features and possible improvements.

Christopher Gray noted that this tool is meant to be used primarily by Coalition members to guide and help facilitate fleet upgrades and fueling station installations. The tool will be used to identify gaps in powering and charging infrastructure, and to help direct funding to the most significant opportunity areas. Data that is used as a base for the tool was gathered from the Department of Energy’s (DOE) Alternative Fuel Station Locator.

Chair Lewis suggested including information about station-ready sites as well as existing sites. Station ready sites are those that may have wiring or other necessary facilities in place but do not have station equipment installation planned or funded.

Coalition staff noted that tool data submitted by jurisdictions goes through an internal vetting process before it is posted, and jurisdictional staff will be contacted with questions, clarifications, or confirmations on an as-needed basis.

After consideration of member input, the draft tool will be finalized and the Coalition will present the final version. Members will then be asked to review data within the tool that is relevant to them and to contribute through confirmation of existing data or addition of new or updated data.

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

### **C.     National Drive Electric Week**

Taylor York provided an overview of the upcoming National Drive Electric Week (NDEW) event, a nation-wide event designed to raise awareness about the availability, benefits, and convenience of plug-in and hybrid-electric vehicles. Local plug-in drivers and advocates lead each event, providing an opportunity for potential future electric vehicle (EV) adopters to experience the technology first-hand. Activities such as ride-and-drives with local car dealers, EV parades, electronic tailgate parties, press conferences, informational booths, and more occur throughout the week. This year's event is set for September 8 – 16, 2018. Plug-In America, the Sierra Club, and the Electric Auto Association serve as the national team providing support to the events throughout the Country.

The Western Riverside County Clean Cities Coalition will be supporting the "Test Drive the Future" event, which will be hosted on September 16, 2018, from 10:00 am to 2:00 pm, at the University of California, Riverside (UCR) Center for Environmental Research and Technology (CE-CERT). The Coalition will be assisting with event staffing and will host a booth that showcases the many tools that clean cities offer. The Coalition invites member jurisdictions which operate electric vehicles to showcase their vehicles at the Clean Cities booth and share their experiences with the technology.

This event is being organized by UCR, the City of Colton Electric Utility, EV Nirvana, and Riverside Public Utilities. Attendees will have the opportunity to experience and test drive electric vehicles, talk to local dealers, and participate in raffle prizes.

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

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

The Coalition and the City of Riverside will be conducting a tour of a local alternative fueling facility.

### **7. GENERAL ANNOUNCEMENTS**

Chris Tzeng announced that the Coalition hired an intern through the Clean Cities University Workforce Development Program. The Program periodically provides funding to coalitions for hiring interns. The Coalition intern, Diane Sanchez, will begin the first week of September and will intern for 15 weeks. Ms. Sanchez will work 15 hours per week and will assist with a variety of tasks.

**8. NEXT MEETING:**       **The next Clean Cities Coalition meeting is scheduled for Wednesday, October 24, 2018, at 1:00 p.m.; location to be determined.**

**9. ADJOURNMENT:**       **The meeting of the Clean Cities Coalition adjourned at 2:30 p.m.**

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# Western Riverside Council of Governments Clean Cities Coalition

## Staff Report

**Subject:** Clean Cities Coalition 2019 Meeting Schedule  
**Contact:** Christopher Tzeng, Program Manager, [ctzeng@wrcog.us](mailto:ctzeng@wrcog.us), (951) 405-6711  
**Date:** October 24, 2018

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*The purpose of this item is to provide and obtain approval of a meeting schedule for 2019.*

**Requested Action:**

1. Approve the schedule of Clean Cities Coalition meetings for 2019.
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Attached are the proposed meeting dates for the 2019 Clean Cities Coalition meetings. All CCC meeting dates are proposed for the fourth Wednesday of the month, at 1:00 p.m., Quarterly, at various locations yet to be determined.

**Prior Action:**

None.

**Fiscal Impact:**

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

**Attachment:**

1. Schedule of Clean Cities Coalition meetings for 2019.

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# Item 4.A

Clean Cities Coalition 2019 Meeting  
Schedule

## Attachment 1

Schedule of Clean Cities Coalition  
meetings for 2019

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**WESTERN RIVERSIDE COUNCIL OF GOVERNMENTS  
SCHEDULE OF MEETINGS FOR 2019**

<b>WRCOG Standing Committees</b>	<b>Day</b>	<b>Time</b>	<b>JAN</b>	<b>FEB</b>	<b>MAR</b>	<b>APR</b>	<b>MAY</b>	<b>JUNE</b>	<b>JULY</b>	<b>AUG</b>	<b>SEPT</b>	<b>OCT</b>	<b>NOV</b>	<b>DEC</b>
Clean Cities Coalition	Quarterly 4th Wed.	1:00 p.m.	23	-	-	24	-	-	24	-	-	23	-	-

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# Western Riverside Council of Governments

## Clean Cities Coalition

### Staff Report

**Subject:** Alternative Fuel Corridors Tool Rollout Discussion

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

**Date:** October 24, 2018

*The purpose of this item is to present the final version of a GIS Tool developed by WRCOG for the Clean Cities Coalition. WRCOG and its consultants developed the tool using data from our member agencies. This tool is intended to assist with future planning efforts related to the siting of fueling stations for alternative fuel vehicles and other related tasks.*

**Requested Action:**

1. Receive and File.

During the August 29, 2018, Clean Cities Coalition meeting, staff provided a presentation on the Alternative Fuels Corridor Tool. As part of a Coalition effort to improve alternative fuel vehicle (AFV) fueling options for jurisdictions, fleets, and AFV drivers in Western Riverside County, as well as those drivers passing through the County, WRCOG developed an Alternative Fuel Corridors Tool. This Tool will help identify existing and required signage along existing FAST-ACT corridors and may help identify missing corridors that should be nominated for designation. It will also allow for the creation of a prioritized list of station citing opportunities, making applications for grant funding more efficient.

The Tool has been completed and is ready for roll-out. Coalition staff would like to work with each jurisdiction to provide a brief, hands-on training on the Tool. The team understands that authorities have varying needs, availability, and levels of AFV adoption, and would like to provide training through the most appropriate venue. Training could include a webinar, in-person meetings, workshops, etc. A discussion to identify preferred methods is encouraged at the meeting, but feedback can also be provided directly to staff via phone or email. Please contact Taylor York, Kearns & West, with comments or questions at [tyork@kearnswest.com](mailto:tyork@kearnswest.com) or (951) 405-3405.

**Prior Action:**

None.

**Fiscal Impact:**

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

**Attachment:**

None.

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# Western Riverside Council of Governments Clean Cities Coalition

## Staff Report

**Subject:** Compressed Natural Gas Technology Focus Group

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

**Date:** October 24, 2018

*The purpose of this item is to discuss the formation of a stakeholder working group to discuss Compressed Natural Gas (CNG) fueling technologies. This working group will specifically focus on challenges related to the deployment and operation of these technologies. The working group will also address potential strategies to address these challenges.*

### **Requested Action:**

1. Receive and File

One of the goals of the Western Riverside County Clean Cities Coalition is to help make alternative fuel vehicles accessible, practical, and even advantageous for our jurisdictions and member fleets. Coalition staff knows that adoption of alternative fuel vehicles can make a positive impact on air quality, and can even provide fuel savings. However, the team also realizes that the vehicles that utilize these fuels come with their own set of challenges.

As part of the Clean Cities Coalition contract with the U.S. Department of Energy (DOE), each Coalition completes a set of sub-tasks, funded by the DOE Clean Cities grant, which goes beyond routine Clean Cities activities. As one of these activities for Fiscal Year 2018/2019, the Western Riverside County Clean Cities Coalition has chosen to host a technology focus group discussion around Compressed Natural Gas (CNG) engines and technologies, more specifically the challenges of operating and maintaining them. The focus group session will be approximately 2 hours and will consist of a facilitated discussion about experiences, challenges, and best practices that fleet operators are using, guided by a set of questions. Aggregated feedback, in the form of a focus group report, will be provided by the Coalition to the National Renewable Energy Laboratory to guide discussion and research regarding future CNG engine technologies.

A focus group session is tentatively planned for the morning of Thursday, November 29, 2018; the location is yet to be confirmed. Staff hopes to have all appropriate Clean Cities members participate in this vital discussion. For more information, please contact Taylor York at [tyork@kearnswest.com](mailto:tyork@kearnswest.com) or (951) 405-3405.

### **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:** Case Study: Stratos Share Hydrogen Car Sharing Program

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

**Date:** October 24, 2018

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*The purpose of this item is to provide an update on efforts by StratosFuel to operate a car-sharing program using hydrogen fuel cell powered vehicles.*

**Requested Action:**

1. Receive and File
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In May 2018, Jonathan Palacios-Avila, StratosFuel, provided an overview of the StratosShare, an upcoming car sharing program in the Cities of Riverside and Ontario. StratosShare will provide users with hydrogen fuel cell powered vehicles that can be picked up and dropped off at convenient locations.

StratosShare is also providing some Toyota Mirai hydrogen fuel cell powered sedans for a ride-along and a hydrogen fuel cell vehicle fueling demonstration, to occur during the Clean Cities meeting.

**Prior Action:**

None.

**Fiscal Impact:**

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

**Attachment:**

None.

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# Western Riverside Council of Governments Clean Cities Coalition

## Staff Report

**Subject:** City of Riverside Alternative Fueling Station Tour

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

**Date:** October 24, 2018

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*The purpose of this item is to present a tour of a hydrogen fueling station in the City of Riverside.*

**Requested Action:**

1. Receive and File

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Staff from the City of Riverside will provide a tour of the City's public Alternative Fuel Vehicle (AFV) fueling station. The station provides fueling and charging options for a variety of AFV vehicle types, including hydrogen fuel cell, compressed natural gas, and electric vehicles. The station is home to the only hydrogen refueling station in Western Riverside County, and one of only a handful in southern California. Attendees will also have the opportunity to view a hydrogen fuel cell vehicle fueling demonstration.

**Prior Action:**

None.

**Fiscal Impact:**

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

**Attachment:**

None.

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