



The Chronicle

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You are invited to attend

Southern Oregon Green Fleets

An Alternative Fuel Forum Featuring:

- Carl Tappert, Rogue Valley Sewer Services
- Wendell Smith, Rogue Disposal & Recycling
- Dick Pedersen, Oregon DEQ Director

12 Noon to 1:30 pm

Tuesday November 29

Held at Rogue Valley Transportation District, 3200 Crater Lake Avenue, Medford. The forum is free and open to the public. *Sponsored by Rogue Valley Clean Cities Coalition. Contact information: email melissa@roguevalleycleancities.org or telephone 541-779-0569.*

Rogue Valley Sewer Services fleet will soon have CNG Ford F350

By Melissa Stiles, Rogue Valley Clean Cities Coalition

Rogue Valley Sewer Services joined the ranks alternative fuel fleets with the recent purchase of a Ford F350 pickup powered by natural gas. The 1-ton pickup will arrive in Medford in December.

Carl Tappert, General Manager of Rogue Valley Sewer Services, said the agency chose compressed natural gas (CNG) because of availability, range and cost savings over time. "We've been moving toward sustainability for the past several years and reducing fuel consumption. We are trying to make an effort toward reducing dependence on foreign fuel."

Rogue Valley Sewer Services purchased the F350 from Butler Ford in Ashland. The pickup truck is being built at a Ford factory in Kentucky and will be shipped to Quincy, Illinois for installation of the truck body made by Knapheide Manufacturing. *Continued on Page 2*

Rogue Valley Clean Cities earns grant for electric vehicle education

By Sue Kupillas, Coordinator, Rogue Valley Clean Cities Coalition

Oregon is one of 15 regions receiving \$8.5 million from the Department of Energy Clean Cities program for plug-in electric vehicle and infrastructure education. On November 1, the Transportation Electrification Executive Council DOE held a project kick-off meeting at the World Trade Center in Portland. Rogue Valley Clean Cities Coalition is a partner with Columbia Willamette Clean Cities in the DOE Planning Grant. TEEC Chairman Jeff Cogen introduced the council and Mark Brady gave an overview of the planning process. Four work groups will implement the plan and provide deliverables. *Work Group 1: Next-Generation Deployment Strategy; Work Group 2: Policies and Inducements; Work Group 3: Training, Marketing and Outreach (includes Rogue Valley Clean Cities Coalition); and Work Group 4: Utility Planning and Analysis.* *Continued on Page 3*

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CNG F350 Continued from Page 1 — The F350 will go to Kansas City for uplift of the CNG gas conversion fueling system, said Gary Worden, of Advanced Truck and Body in Central Point, the local Knapheide distributor. The F350 will be shipped by railcar to San Francisco and trucked to Butler Ford and Advanced Truck and Body for final inspections.

Rogue Valley Sewer Services, the region's waste water treatment operator, will use the one-ton pickup to transport crew and equipment to work sites. The truck cost was \$35,000 and the CNG retrofit cost was \$16,000. The savings in fuel costs will pencil out after 105,000 miles. "We're not planning on converting other vehicles but as we replace our existing fleet, we will take a hard look at alternative fuel," Tappert said.



Come and hear Carl Tappert talk about alternative fuel at a free forum at noon Tuesday, November 29 at RVTD.

CNG is a good choice for government fleets because of incentives available to purchase or convert vehicles and because of the strong maintenance record. "I've seen the inside of motors that are propane and gas propelled and they are spotless – there is no carbon build up and they last twice as long," said Mike Cocchiara, fleet manager for Butler Ford. To

learn more about natural gas as a fuel, visit the website www.afdc.energy.gov/afdc/fuels/natural_gas.html. Another CNG selling point is fuel availability; there are two fueling stations in Southern Oregon, at Rogue Valley Transportation District, 3200 Crater Lake Avenue, Medford, and at Jackson County Motor Pool, 808 West Main Street, Medford.

"There are many reasons to convert to alternative fuel fleets," Cocchiara said. "You are doing something for the environment, saving money and buying American-made products."

American manufacturer Knapheide, a Clean Cities partner, has been at the forefront of engineering to modify service bodies to accept a CNG uplift. Rogue Sewer Services chose a design with the tank in a transverse compartment behind the cab. Knapheide makes bodies for other types of vehicles, including flat beds, dump trucks, cranes and utility trucks. "The rest of the body looks like a standard utility bed with compartments for tools and supplies," Gary Worden said. "You won't even be able to tell from the outside that it's a CNG body." *Learn more from the website www.roguevalleycleancities.org*



Rogue Disposal brought a demo CNG truck to the fleet conference sponsored by Rogue Valley Clean Cities Coalition last June. The 2012 fleet conference is set for February.

CNG garbage truck will roll into downtown soon

A natural gas-powered garbage truck will soon be picking up trash in downtown Medford. Rogue Disposal and Recycling ordered a 2012 MAC tractor with an ISL G Cummins Engine. The Mac truck will be shipped to the factory in Canada for the uplift of the 40-cubic yard, Wittke front-load body made by Labrie Environmental Group. It will have four, 15-gallon equivalent certified CNG tanks. The truck is expected to hit the downtown Medford streets in January. Wendell Smith of Rogue Disposal and Recycling will talk about the CNG vehicle during the alternative fuel forum at noon Tuesday November 29 at Rogue Valley Transportation District. The Rogue Valley Clean Cities Coalition event is open to the public.

FLEET SURVEY CONTINUES IN 2012: *Mike Quilty, fleet outreach manager for Rogue Valley Clean Cities Coalition*, will continue meeting with public and private fleet managers to conduct surveys in 2012. If you would like to schedule a visit with Mike Quilty, call him at 541-621-4853 or email mikeq@roguevalleycleancities.org.

Electric Vehicle Outreach Grant

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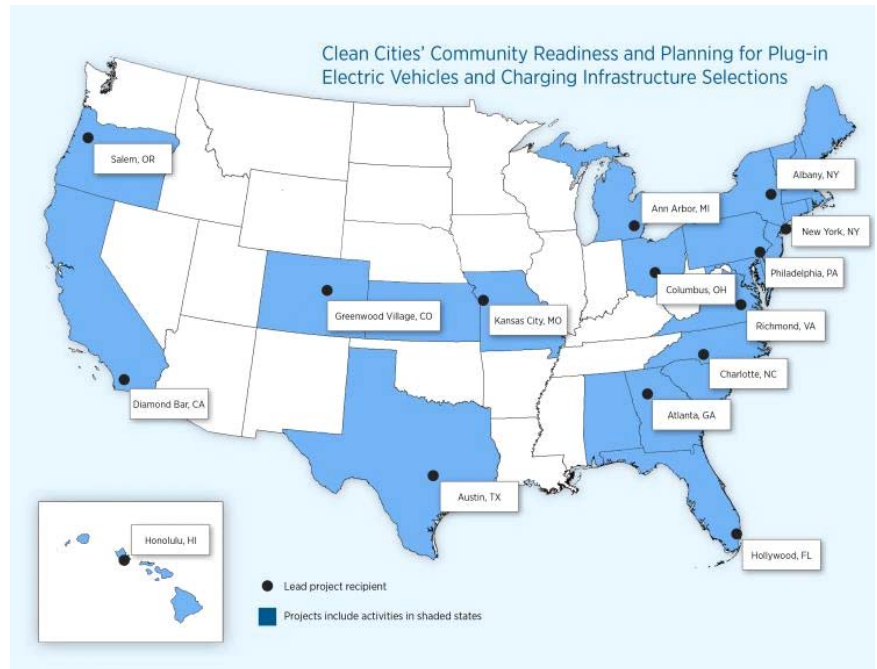
The work groups have been assigned the following estimated target budget: *Work Group 1:* \$35,000; *Work Group 2:* \$35,000; *Work Group 3:* \$65,000, includes consumer research, \$20,000, branding and key messages, \$15,000, and developing an outreach and communication plan, \$30,000; *Work Group 4:* \$30,000. Some \$20,000 is allocated for final writing and design and \$22,500 for sharing information and lessons learned, which might include travel to USDOE meetings.

Outreach efforts might include producing materials for auto dealers in partnership with the Oregon Auto Dealers Association and the Portland Auto Show, providing plug-in electric vehicle training for installers and maintenance techs in partnership with Portland Community College and Rogue Community College, providing EVSE training for electricians and building officials in partnership with IBEW and Building Codes Division, providing plug-in electric vehicle community readiness program outreach in partnership with the Clean Cities Coalitions and adapting www.EVRoadmap.com to be the statewide plug-in electric vehicle website in partnership with Oregon Transportation Research and Education Consortium (ORTEC).

Chair Lisa Adatto and Task Leaders Rick Wallace and John MacArthur will lead *Work Group 3*. Oregon Solutions will facilitate and record the meetings, which Rogue Valley Clean Cities Coalition will attend by phone conference. "Education and outreach is crucial for the success of transportation electrification," the Alternative Fuels Working Group noted. "Currently education and outreach has been done by various groups but in an ad hoc manner as a result of little to no dollars budgeted towards these activities." In initial surveys about plug-in electric vehicles, public awareness/knowledge has been highlighted as a major deficiency.

About 45 people attended the TEEC kick-off meeting. Bob Acheson, the Southern Oregon representative on this committee, attended by phone conference. Rogue Valley Clean Cities Coalition should soon receive an outline of expectations and deliverables related to the coalition's \$15,000 budget. All educational materials must be prepared in a way to be replicated or used around the state. Stay tuned as we develop the details of the Plug in Electric Vehicle (PEV) Plan.

Reach Sue Kupillas, RVCCC Coordinator, by email ask@opusnet.com, or phone 541-245-0770



Salem, Oregon is one of 15 regions receiving a Department of Energy Clean Cities grant for electric vehicle education.

To learn more about the Department of Energy grant, visit the website <http://energy.gov/articles/awards-advanced-vehicle-development>. Follow the progress at www.roguevalleycleancities.org



Rogue Valley Clean Cities Coalition Schedule of Events 2012

Number	Date	Event	Location	Information
1	November	Southern Oregon Green Fleets: RVSS, Rogue Disposal, DEQ	RVTD, 3200 Crater Lake Avenue, Medford	Presentation about CNG F350, CNG MAC Whittke garbage truck, presentation by Oregon DEQ Director Dick Pedersen
2	January	Propane Update	City of Central Point Conference Room	Presentation by City of Central Point and RVTD about propane conversion fleet
3	February	Fleet Manager's Conference: What's New in Southern Oregon? CNG, Idle Reduction and Diesel Traps	Medford Public Works Auditorium	Presentation by Knife River, Rogue Disposal and Recycling, Cascade Sierra Solutions, Webfoot Truck and Equipment
4	March	CNG Update: Methane Conversion Project at Dry Creek Landfill	To be announced	Presentation by Dry Creek, Jackson County, RVTD
5	June 14-17	Electric Motorcycle Race Event	Jackson County Expo, Central Point	Open to the public. Watch the website for details or call 541-779-0569 or write melissa@roguevalleycleancities.org
6	July 17-22	EV Event: OIT and SOU: Rick Wallace, ODE, Green Highway, Cities of Ashland, Medford: charging station update	Jackson County Fairgrounds or SOU or Jackson County Library, Medford Branch, Medford	Free and open to the public. For information, please call 541-779-0569 or write melissa@roguevalleycleancities.org
7	October	Training conference for First Responders	JCFD3	For fire district and ambulance staff, paramedics and others who respond to emergency situations
8	October	Odyssey Day	Local Schools	RVCCC Staff and Stakeholders will reach out to local school classrooms

The 2012 schedule is subject to change. Learn more from www.roguevalleycleancities.org