

# On the Air

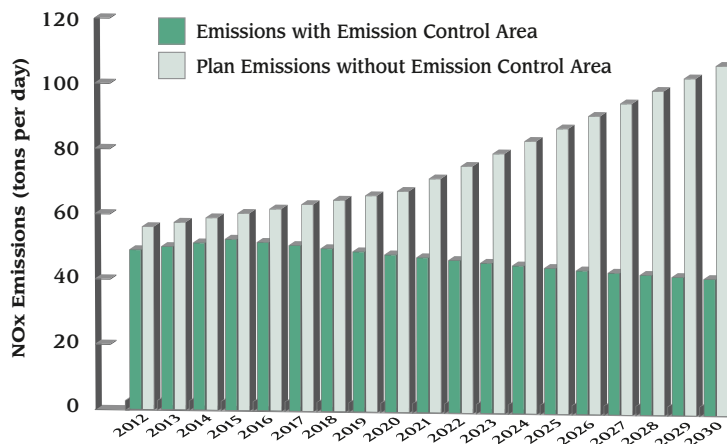
## Major Milestone Reached in Cutting Shipping Emissions

In March the International Maritime Organization (IMO) took action that represents a leap forward in the effort to reduce air pollution from one of the largest sources in this county. The IMO designated the coast off the United States and Canada an Emission Control Area, and large ships traveling up to 200 miles off our coast now face stricter engine and fuel standards.

"This is great news," said Tom Murphy, Manager of the Technology and Environmental Assessment Division at the District. "We are excited to see significant movement in the right direction for the first time. Could it be faster? Could it be more? Absolutely. But we are taking our victories one step at a time, and we'll take this one."

The international action is particularly significant given

### Marine Shipping NOx Emissions Projections through 2030 With and Without the IMO Action



*The graph shows Clean Air Plan projections of emissions before the IMO action (the higher bars) against projections of significantly reduced emissions after the IMO action.*

that ninety percent of the ships traveling off the coast of Santa Barbara County are foreign-flagged. District Board Member 1st District Supervisor

Salud Carbajal noted, "It is so gratifying to see this action at the international level, since this huge source of pollution off our coast is not under our

local control." In 2009, Carbajal sponsored a National Association of Counties resolution to urge the federal government and the U.S. Environmental Protection Agency (EPA) to pursue strategies to control pollution from marine shipping.

Murphy remarked, "For years it has been incredibly frustrating. Here is this huge source of air pollution affecting our county. We have absolutely no control over it, and yet we are responsible for addressing it in our planning efforts." After decades of identifying the problem in Clean Air Plans, presenting the Santa Barbara County case study at conferences, and raising the issue at state, regional, and national levels, the District finally took legal action, joining other parties in filing lawsuits calling on the EPA to act.

*(continued on page two)*

## District Receives National Clean Air Award for Santa Barbara Car Free Project

The District was honored with a Clean Air Excellence Award from the U.S. Environmental Protection Agency (EPA) and the Clean Air Act Advisory Committee for the Santa Barbara Car Free Project at a May 26 ceremony in Washington, D.C. The District is one of only fifteen award recipients from around the country. District Director Terry Dressler said, "We are so honored to be selected for this award.

We thank our area partners for the outstanding collaboration that has made this project possible."








The Santa Barbara Car Free Project was founded in 1998 by the District to reduce air pollution from visitors' cars. It is supported by the City of Santa Barbara, Amtrak California® and more than 100 partners—business, organizations, and individuals—working together to promote car

free travel to and around Santa Barbara for cleaner air and a more sustainable community.

California 23rd District Congresswoman Lois Capps remarked, "I am very proud of the Santa Barbara County Air Pollution Control District and the Santa Barbara Car Free Project and its many partners. It's good to see the Project's work

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## Inside...

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-  **Earth Day Grand Prize Winner**

## Cutting Shipping Emissions (cont'd)

And, in December of 2009, the EPA did act, announcing new standards for new engines on U.S.-flagged ships, and also, with Canada, proposing that the IMO designate up to 200 miles off the coast of North America an Emission Control Area. The District estimates that the new IMO standards will reduce nitrogen oxides (NOx) emissions from ships affecting this county by 37 percent by 2020, and by 61 percent by 2030, as shown in the graph on page one.

The District's emissions inventories have focused on emissions of ozone precursors such as NOx in the past, since Clean Air Plans are designed to show how the county will attain and maintain federal and state ozone standards. In recent years, more attention has

focused on ship emissions of diesel particulate, which includes multiple air toxics.

On July 1, 2009, a new state rule took effect requiring ships to use a lower-sulfur diesel fuel when within 24 nautical miles of the California coastline. Use of this fuel results in lower emissions of sulfur compounds and diesel particulate. Since July 1, 2009, some shipping companies have been taking a route outside the Channel Islands to avoid having to use the cleaner and more expensive fuel. The internationally-approved commercial shipping lanes currently go through the Channel; the route outside the Channel does not currently include internationally-designated shipping lanes. Concerns about ship traffic outside the Islands since implementation of the new

fuel rule have led the U.S. Coast Guard to announce it will conduct a Port Access Route Study to assess the optimal location of designated shipping lanes for ships heading into the Los Angeles and Long Beach ports.

The District has provided comments on the study, recommending that it include a thorough evaluation of onshore air quality and public health impacts, and has asked the California Air Resources Board to perform modeling studies to develop this information. Said Murphy, "Clearly there is potential for significant air quality benefits for our county from relocation of the shipping lanes to outside the Channel. The state's modeling studies will help quantify that, and also provide information on regional impacts.

It is important to view this from a regional perspective." He noted that if the designated shipping lanes were to remain inside the Channel, other options should be examined, including reducing the speed of ships traveling inside the Channel to 12 knots, which could achieve reductions of more than 50 percent in emissions of NOx, particulate matter and other pollutants.

Murphy emphasized that the District will continue to monitor developments in this area, and concluded, "The good news is that with this recent IMO action, for the first time all the emissions inventories in our Clean Air Plan now show emissions going down over time. That's tremendous."

For more information, see [www.OurAir.org/shipemissions.htm](http://www.OurAir.org/shipemissions.htm).

## Clean Air Award (cont'd)

for sustainable tourism—and a sustainable community—honored with this national award."

The District Board thanked the Project's partners with a Resolution of Appreciation adopted at the June 17 Board meeting. Karen Kukurin, Deputy Director and Community Liaison with Governor Arnold Schwarzenegger's Office, attended the meeting and read a congratulatory letter from the Governor that stated, "To the district members, and all those who have had a hand in the Santa Barbara Car Free Project, I thank you for your exemplary accomplishments. Your outstanding efforts help cement California as a world leader in going green."

Gina McCarthy, EPA Assistant Administrator for Air and Radiation, said of the award



**Santa Barbara Car Free partners at the reception** - pictured from left to right.  
**Back row:** Kiki Ander, Shannon Brooks (Santa Barbara Conference & Visitors Bureau); Laura Kath (Mariah Marketing, Project Promotions Coordinator); Cynthia Boche (Santa Barbara Metropolitan Transit District); Lori Casillas (The Grapeline Wine Country Shuttle); Carol Crego (Amtrak); Kent Epperson (Traffic Solutions); Kate Schwab (Santa Barbara MTD); Greg Gorga (Santa Barbara Maritime Museum); Ralph Fertig, Wilson Hubbell, (Santa Barbara Bicycle Coalition); Michael Chiacos (Community Environmental Council); Matt Dobbertein (County of Santa Barbara Public Works); Mary Harris (Santa Ynez Valley Visitors Association); Sarah Grant (City of Santa Barbara Transportation); Millie Matz (Santa Barbara Hotel Group); Gary Coombs (South Coast Railroad Museum).  
**Front row:** Connie Casebier (Cheshire Cat Inn); Rebecca Johnson (Inn of the Spanish Garden); Jayne Brechwald (Coalition for Community Wellness); Lee Moldaver (Coalition for Sustainable Transportation); Drew Wakefield (Ramada Limited Hotel); Annmarie Rogers with bike helmet (Santa Barbara Region Chamber of Commerce Visitor Center); Mary Byrd (Santa Barbara Car Free Project Manager with the Santa Barbara County Air Pollution Control District); Karen Kukurin, (Deputy Director with Gov. Schwarzenegger's Office); Kathy Janega-Dykes (Santa Barbara Conference & Visitors Bureau); Brian Hart (Amtrak).

winners, "Innovation and commitment are the keys to environmental progress, and

our Clean Air Excellence Award winners are tremendous examples. As we look to the

future, these winners will help lead the way toward cleaner air and a healthier environment."

The Clean Air Excellence Awards Program, established in 2000 at the recommendation of the Clean Air Act Advisory Committee, annually recognizes and honors outstanding innovative efforts to help make progress in achieving cleaner air. Award-winning entries must directly or indirectly reduce pollutant emissions, demonstrate innovation, offer sustainable outcomes, and provide a model for others to follow.

For more information, see [www.SantaBarbaraCarFree.org](http://www.SantaBarbaraCarFree.org)

## Transitions at the District

### APCD Board Roundup

Following are the highlights of the March, May and June Board meetings.

#### March

- Received and filed a report on City of Santa Maria stand-by generator issue.
- Adopted a resolution that provides for the making of contributions to the District's Retiree Medical Account for fiscal year 2009-10.
- Adopted Resolutions of Appreciation for Bobbie Bratz and Linda Beard upon the occasion of their retirements.

#### May

- Adopted a resolution establishing the cost effectiveness limit for grant agreements as allowed under the current state Carl Moyer Program Guidelines.
- Authorized the Air Pollution Control Officer to increase the funding amount for the Old Car Buy Back Program by \$150,000, with the option of an additional \$100,000 increase, if community interest justifies it.
- Received and filed an update on actions to control air pollution from marine shipping, and directed staff to continue vigorous efforts in this area.
- Held hearing to consider the Fiscal Year 2010-11 Comprehensive Program Summary and Proposed Budget, and scheduled a budget adoption hearing for June 17, 2010.

#### June

- Authorized the Air Pollution Control Officer to enter into Memorandums of Understanding with several employee groups.
- Adopted a Resolution of Appreciation for Tom Murphy upon the occasion of his retirement.
- Adopted a Resolution of Appreciation for Santa Barbara Car Free Project Partners.
- Adopted the Fiscal Year 2010-11 Budget.



Recently several District staff took on new responsibilities.

Pictured from left to right.

*In back:* Joel Cordes, Air Monitoring Supervisor; Sara Brumit, Executive Secretary and Board Clerk; Jon Mundt, Inspection Specialist III.

*In front:* Molly Pearson, Community Programs Supervisor; Kaitlin McNally, Air Quality Engineering Supervisor; Mary Byrd, Public Information Officer; Ben Ellenberger, Air Quality Engineer III.

## Linda Beard Retires



Linda Beard, the District's Executive Secretary and Clerk of the Board, retired in April after more than 12 years at the District. In addition to keeping the executive offices running smoothly and efficiently and managing Board dockets and hearings, Beard led the District's annual United Way campaign. Under her leadership the District won the United Way Employee Campaign Award for Outstanding Employee

Giving for eight consecutive years starting in 1997.

Beard organized multiple holiday celebrations at the agency, and was known for her morale-building efforts. She is looking forward to a happy retirement in Florida and to spending more time with her grandchildren. Beard remarked, "I really enjoyed working at the District and being part of a dedicated, professional staff." She will be missed.

## New Adventures for Allison King

In June, Allison King, the District's Public Outreach Intern since the fall of 2008, received her Masters from the University of California at Santa Barbara Bren School for Environmental Science and Management and embarked on new adventures. As District intern, King made presentations for hundreds of students at county schools from Carpinteria to Guadalupe, demonstrated wind and solar energy technologies at numerous science nights, and represented the District at community events, including a

recent Bike FROM Work Day celebration in Santa Barbara (pictured). King's Masters Group project developed tools for communities to use to reduce greenhouse gas emissions. She and her group traveled to China in late June to share their project's strategies and software tool with graduate students at Nanjing University's School of the Environment. We wish her well!

For more information on the group project, see [www.brenaecom.org](http://www.brenaecom.org).





# APCD Board Calendar

## Board of Directors

Supervisor Salud Carbajal  
*First District*  
*Santa Barbara County*

Supervisor Janet Wolf  
*Second District*  
*Santa Barbara County*

Supervisor Doreen Farr, Chair  
*Third District*  
*Santa Barbara County*

Supervisor Joni Gray  
*Fourth District*  
*Santa Barbara County*

Supervisor Joe Centeno  
*Fifth District*  
*Santa Barbara County*

Mayor Victoria Pointer  
*City of Buellton*

Vice Mayor Al Clark  
*City of Carpinteria*

Mayor Lupe Alvarez  
*City of Guadalupe*

Councilmember Cecilia Martner  
*Vice Chair, City of Lompoc*

Mayor Helene Schneider  
*City of Santa Barbara*

Mayor Larry Lavagnino  
*City of Santa Maria*

Councilmember Ed Skytt  
*City of Solvang*

Councilmember Ed Easton  
*City of Goleta*

*All meetings start at 1:30 p.m.*  
*For final meeting agendas, call the*  
*APCD Board Clerk, 961-8800.*

### September 16

Board of Supervisors'  
Hearing Room  
511 East Lakeside Parkway  
Santa Maria, California 93455

### October 21

Board of Supervisors'  
Hearing Room  
105 East Anapamu Street  
Santa Barbara, California 93101

### December 16

Board of Supervisors'  
Hearing Room  
105 East Anapamu Street  
Santa Barbara, California 93101

## Community Advisory Council

The APCD Community Advisory  
Council meets monthly at the Days  
Motor Inn in Buellton. The public is  
welcome. For more information,  
call 961-8800.

## Earth Day Grand Prize Winner



*Mark Sapp with Ed France at Bici Centro*

Mark Sapp was the  
Grand Prize Winner  
of a pair of Amtrak  
Coast Starlight®  
roundtrip tickets to  
Portland or Seattle  
at the "Come to  
Earth Day Car Free  
and Win" promotion  
at the South Coast  
Earth Day Festival  
this year, put on by  
the District and the

Santa Barbara Car Free Project. Sapp, who biked to Earth Day,  
has family (including an 18 month old grandson) in Seattle, and  
looks forward to the train trip with his wife.

Sapp, a brick layer who has lived in Santa Barbara for the  
past fifteen years, noted, "I bike everywhere, even to jobs in  
Carpinteria or up in the hills in Montecito—except when I have  
to carry a lot of tools. I try to live car free as much as possible.  
It's just more fun to bike than to drive."

He is a member of the Santa Barbara Bicycle Coalition, and  
likes to volunteer at Bici Centro on Open Shop Nights. Ed  
France, Executive Director of the Bicycle Coalition and Bici  
Centro, explained, "This is a community drop-in shop. We walk  
people through making their own repairs. Sometimes people  
are riding bikes that are not safe to ride, or sometimes they've  
put their bikes away and are not riding, when it's something  
that's easily fixed. Either way we can help." Bici Centro, a  
project of the Bicycle Coalition, offers a range of programs,  
including youth bicycle education, bicycle street skills classes,  
programs for Spanish speakers, and more.

Sapp remarked, "I remember when I was growing up it was  
way uncool for us to ride bikes in elementary, junior high  
and high school. So I didn't really get started riding bikes until  
college – 40 years ago – and I've been riding ever since."

For more information on the Bicycle Coalition and Bici Centro,  
see [www.sbbike.org](http://www.sbbike.org) and [www.bicicentro.org](http://www.bicicentro.org).

### Office

260 N. San Antonio Rd. Suite A  
Santa Barbara, CA 93110-1315

### Business Assistance

(805) 961-8868

### Daily Air Quality Report

[www.sbcapcd.org](http://www.sbcapcd.org)

### Complaints/Public Information

(805) 961-8800

### Air Quality Advisory Information

(805) 961-8802

### World Wide Web

[www.OurAir.org](http://www.OurAir.org)

### E-Mail

[apcd@sbcapcd.org](mailto:apcd@sbcapcd.org)

**On the Air** is a quarterly  
newsletter written by Mary Byrd,  
published by the Community  
Programs Section of the Santa  
Barbara County Air Pollution  
Control District.



Printed on 100% recycled paper.

# Business Focus

## Old Car Buy Back Program Now Pays \$1,000 per Vehicle

In May the District announced that the popular Old Car Buy Back Program will now pay \$1,000 for gasoline and diesel vehicles 1992 and older. Since the change in funding to \$1,000 (from \$800) and the publicity that ensued, the program is receiving four times the number of requests from county residents that it received before the change. "Since we started this new phase of the program, we have bought back more than one hundred vehicles," said Jim Fredrickson, who is managing the program at the District.



Cars and trucks are the major source of onshore smog-forming

pollution in Santa Barbara County, and older vehicles

pollute much more than newer ones. In fact, the vehicles that qualify for the Old Car Buy Back Program represent only 15 percent of vehicles in the county, but contribute more than 66 percent of the air pollution from county vehicles. District Director Terry Dressler said, "We estimate the program has cut almost 50 tons of smog-forming air pollutants since 2006 by taking almost 1,400 of these higher-polluting vehicles off the road."

Cars and trucks that are voluntarily retired under this

*(continued on back)*

## Leaf Blowers

**Attention: Professional Landscapers, Residents of the City of Santa Barbara, and County Residents!**

Gasoline-powered leaf blowers produce emissions of nitrogen oxides, carbon monoxide, and hydrocarbons, which are involved in the formation of ground-level ozone. They also emit airborne toxics as a result of partial

combustion, and greenhouse gases and particulate matter. Use of leaf blowers is particularly problematic after wildfire events since the blowers force ash particles that have settled on the ground back up into the air.

District Inspector Glenn Gazdecki has received multiple complaints from people concerned about the effects of leaf blowers on the air they are breathing. He remarks, "Some people I've talked with are not home during the day and they don't realize that their landscaping or gardening service is creating an impact on the health of their neighbors."

Gazdecki offers the following tips for county residents about the use of leaf blowers.

First, be a considerate neighbor. Ask your neighbors if they are being impacted. Remember, with warm weather upon us, many people like to leave their windows open, and dust may be blown directly into their homes.

Ask your landscaping service to use an alternative to leaf blowers, such as gentle sweeping with a push broom followed by light hosing with water, or use of a high-quality shop-vacuum equipped with a high-efficiency particulate filter and a disposable filter bag.

Ask your landscaping service to be aware of wind direction when using blowers. If the neighbors' windows are open, or there are children playing nearby

and the wind is blowing that way, it is not a good time to use a leaf blower.

Under Municipal Code (9.16.020-021), it is illegal to use gasoline-powered leaf blowers in the City of Santa Barbara at any time. Individuals affected by the use of gasoline-powered leaf blowers in Santa Barbara may contact the City Police Department at 897-2410.

Outside the City of Santa Barbara, gasoline-powered leaf blowers are allowed to be used. Individuals affected by them may call the District at 961-8800.



# Business Focus

## Driving and Car Care Tips for Less Pollution and Better Gas Mileage

**No matter what vehicle you drive, you can improve your gas mileage and reduce pollution. Here are some ideas.**

Keep your speed consistent, use cruise control, observe the speed limit. Fuel efficiency goes down rapidly at speeds above 60 miles per hour.

Avoid rapid acceleration and braking when possible, and avoid excessive idling.

Don't keep heavy items in your vehicle that you don't need, and drive smaller vehicles when you have a choice.

Keep your car tuned up, keep your tires properly inflated,

check and replace air filters regularly, use the recommended grade of motor oil, fix leaky air conditioning systems, and don't top off your tank.

Combine car trips; plan ahead and carpool.

## Old Car Buy Back (cont'd)

program are crushed by licensed auto dismantlers located in Santa Maria, Goleta, and Lompoc. The District was able to raise the amount offered per vehicle to \$1,000 due to recent changes in state guidelines.

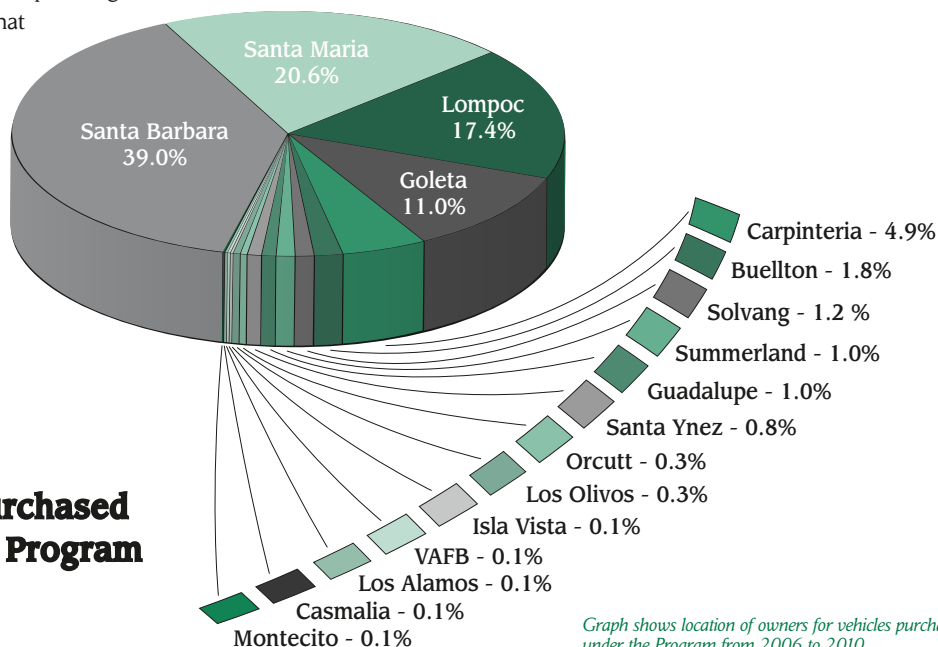
Fredrickson noted that vehicles bought under the program come from all parts of the county (see graph). Gasoline or diesel cars, light-duty trucks, vans, or sport utility vehicles model year 1992 and older can qualify for the program if they have been registered in Santa Barbara County for the past two consecutive years, are in working condition, are smog certified, and

meet additional requirements as listed on the District website.

Fredrickson explained why vehicles must be in running condition to qualify for the program: "The idea is to take older, higher polluting vehicles that

are now operating legally on the road off the road. The state has a program for vehicles that fail smog check."

For more information, see [www.OurAir.org](http://www.OurAir.org).



## Registrations for Vehicles Purchased Under the Old Car Buy Back Program

May 2006 through May 2010

## CASH for Cleaner Engines



Funds to repower or retrofit engines in: off-road mobile equipment, farm equipment, fishing boats, school buses, and more.

Contact Al Ronyecz at 961-8877 or [axr@sbcapcd.org](mailto:axr@sbcapcd.org).

**Apply NOW!**

[www.OurAir.org/funding](http://www.OurAir.org/funding)

Graph shows location of owners for vehicles purchased under the Program from 2006 to 2010.