


# air pollution control district

SANTA BARBARA COUNTY

Agenda Date: December 19, 2019  
Agenda Placement: Admin  
Estimated Time: N/A  
Continued Item: No

## Board Agenda Item

TO: Air Pollution Control District Board

FROM: Aeron Arlin Genet, Air Pollution Control Officer 

CONTACT: Sara Hunt, Executive Assistant/Board Clerk (805-961-8853)

SUBJECT: District Grant Program Activity

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### RECOMMENDATION:

Receive and file the following:

- 1) An update on the Old Car Buy Back Program for vehicles retired during the period of September 1, 2019 through September 30, 2019;
- 2) An update on the Woodsmoke Reduction Program for fireplace and stove replacement projects during the period of October 25, 2018 through December 1, 2019; and
- 3) Summary of the emission-reduction grant agreements approved by the Air Pollution Control Officer for the period of September 28, 2019 through November 25, 2019 in accordance with Board Resolution Number 09-14.

### DISCUSSION:

Your Board expanded the authority of the Control Officer to issue grants for emission reduction projects up to \$150,000 provided your Board had authorized an overall umbrella program for each type of project. The attached summary sheets describe the grants approved since our last report. In addition, updated grant fund allocation reports by city for the District's Old Car Buy Back Program as well as the Woodsmoke Reduction Program are being provided.

### ATTACHMENT:

- A. Old Car Buy Back Program Update
- B. Woodsmoke Reduction Program Update
- C. Grant Agreement Approval Forms

Aeron Arlin Genet, Air Pollution Control Officer

## OLD CAR BUY BACK PROGRAM UPDATE

The District's Old Car Buy Back Program currently pays Santa Barbara County vehicle owners \$1,000 to voluntarily retire their fully legal and operational 1995 or older, light or medium duty car, truck, van, or SUV.

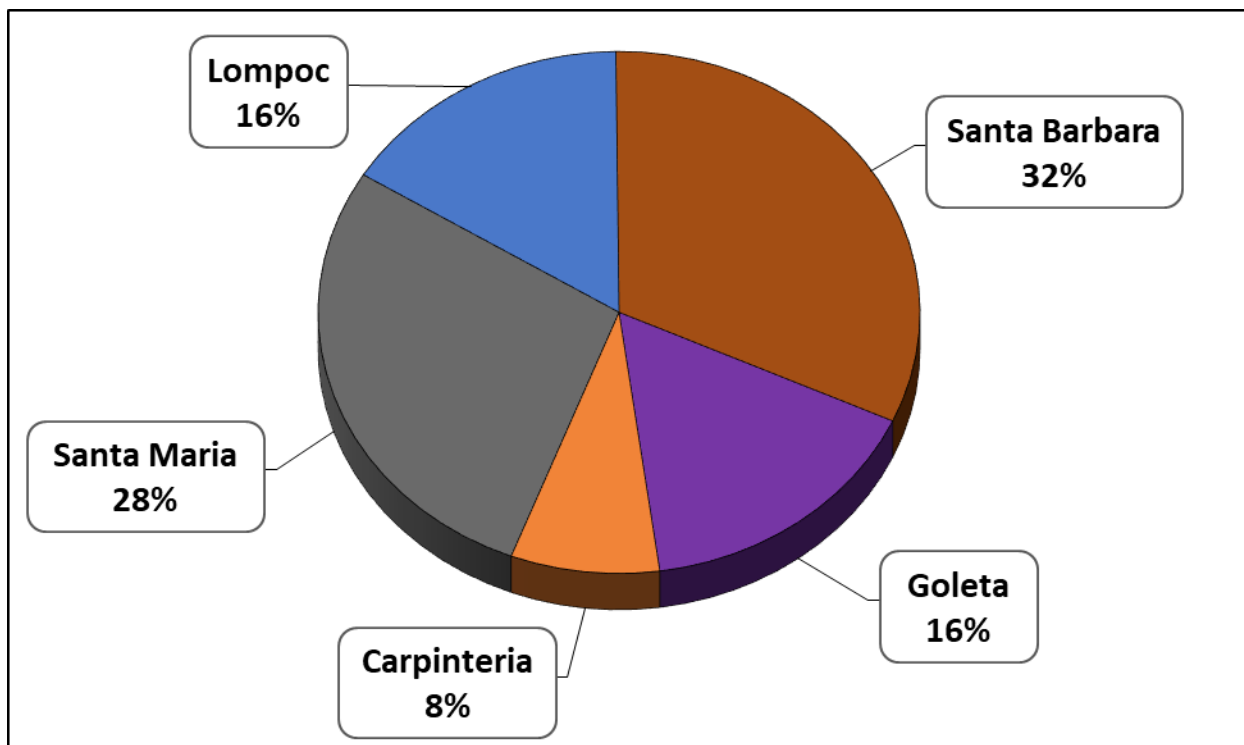
The three regional dismantlers earned \$250 for each vehicle that they helped retire. Currently, the total program cost is \$1,250 to retire a vehicle.

The program accelerates the improvement of air quality by removing high polluting vehicles from the road, quicker than normal vehicle attrition. Funding for the program is primarily derived from \$2 DMV registration surcharge funds.

<b>Fiscal Year 2019-20: Budget for Old Car Buy Back</b>	<b>\$700,000</b>
Fiscal Year 2019-20: Old Car Buy Back Expenditures	\$37,750
Fiscal Year 2019-20: Remaining Balance	\$662,250

<b>VEHICLES RETIRED: SEPTEMBER 1, 2019 THROUGH SEPTEMBER 30, 2019</b>	<b>25</b>
\$ COMMITTED: [25 VEHICLES @ \$1,250/VEHICLE]	\$31,250
TOTAL PROJECT TONS REDUCED [NOX + ROC + PM]:	2.35
<b>AVERAGE PROJECT COST-EFFECTIVENESS</b>	<b>\$13,478/ton</b>

### VEHICLE OWNER LOCATION \*



\*For vehicles retired from September 1, 2019 – September 30, 2019.

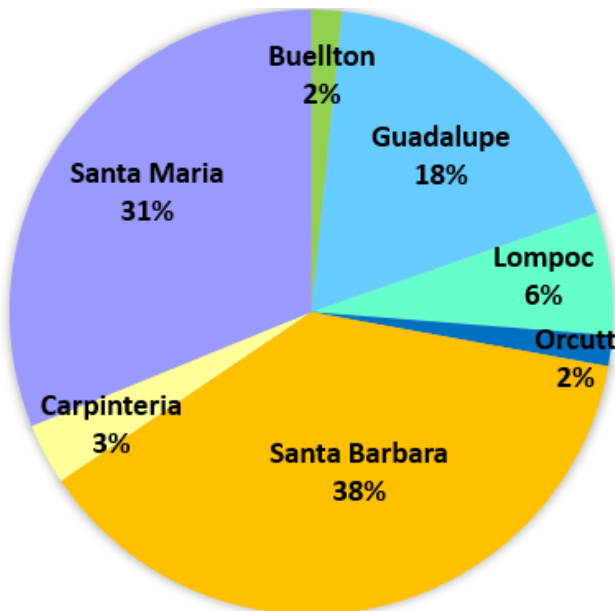
## Woodsmoke Reduction Program Update

This voluntary program is designed to help households replace a wood-burning uncertified stove, fireplace insert, or fireplace used as a primary source of heat with a cleaner-burning and more efficient device. Applicants who meet low-income eligibility requirements may qualify for an Enhanced Incentive Voucher of up to \$5,000. All other Applicants may qualify for the Standard Voucher of up to \$1,000. Program funds come from California Climate Investments, a statewide initiative that puts Cap-and-Trade dollars to work.

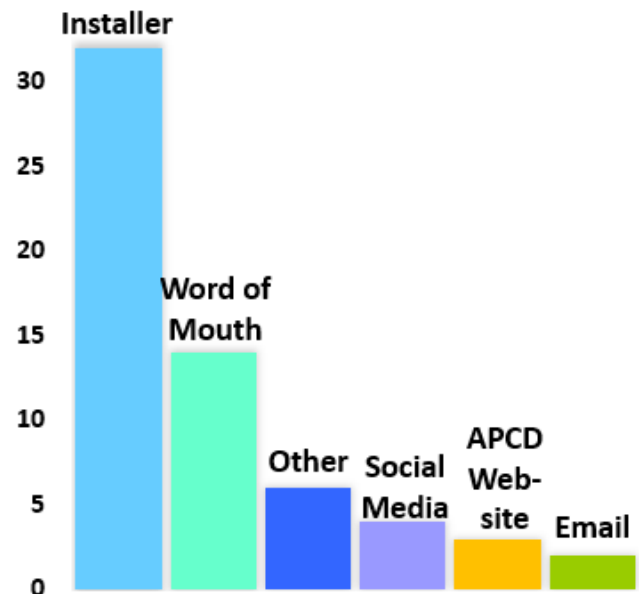
The program improves air quality and mitigates neighborhood impacts by reducing the amount of woodsmoke emitted from fireplaces and wood stoves in the county, which accounts for about 33 percent of wintertime particulate matter (PM<sub>2.5</sub> and PM<sub>10</sub>) emissions. In addition to particulate matter, woodsmoke contains soot, dioxins, carbon dioxide, and volatile organic compounds. Breathing woodsmoke can reduce lung function, aggravate heart and lung diseases, and trigger asthma. The program also achieves reductions in black carbon, a short-lived climate pollutant emitted when wood burns.

Fireplace and Stove Replacements October 25 <sup>th</sup> 2018 – December 1 <sup>st</sup> 2019						
Household Type:	Vouchers Issued	Projects Completed		\$ Expended	PM <sub>2.5</sub> (lbs) Reduced	Black Carbon (lbs) Reduced
		Wood Fireplace to Gas Insert	Wood Stove to Gas Stove			
Low Income	50	41	1	\$206,978	81,536	10,192
Other	15	11	1	\$12,000	22,119	2,765
<b>Total</b>	65	52	2	\$218,978	103,655	12,957
<b>Year 1 Program Budget</b>				\$225,000		
<b>Year 1 Program Balance</b>				\$6,022		
<b>Cost Effectiveness (\$/ton PM<sub>2.5</sub>)</b>				\$4,225		

Project Location (Pending & Completed Projects)



How Applicants Learned of Program



# GRANT AGREEMENT APPROVAL FORM


**To:** Air Pollution Control Officer  
**Staff Contact:** Alex Economou  
**Date:** October 30, 2019  
**Grant Program:** Infrastructure: Community Air Protection Program – Year 2 funds

## GRANT INFORMATION

**Grantee:** Ishwar Realty, LLC  
**Grant Agreement Number:** AP192002  
**Grant Agreement Amount:** \$15,733  
**New Equipment:** One (1) single-port Level-2 electric vehicle charging station,  
Two (2) dual-port Level-2 electric vehicle charging stations  
**Grant Cost-Effectiveness:** Not Applicable for Infrastructure  
**Cost-Effectiveness Limit:** Not Applicable for Infrastructure  
**Overall Program Cost-Effectiveness:** Not Applicable for Infrastructure  
**Project Life:** 3 Years  
**Project Lifetime Emission Reductions:** Not Applicable for Infrastructure

## FUND INFORMATION

**Community Air Protection Program – Year 2 Budget:** \$1,060,100  
**Encumbered Grant Agreements:** \$15,733 (Including current grant)  
**Community Air Protection Program – Year 2 Balance:** \$1,044,367

<b>Approved:</b>  Air Pollution Control Officer	<b>Date:</b> 13 Nov 19
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Please contact the Board Clerk to review this grant agreement

# GRANT AGREEMENT APPROVAL FORM

**To:** Air Pollution Control Officer  
**Staff Contact:** Alex Economou  
**Date:** November 1, 2019  
**Grant Program:** Infrastructure: Community Air Protection Program – Year 2 funds

## GRANT INFORMATION

**Grantee:** City of Santa Barbara  
**Grant Agreement Number:** AP192003  
**Grant Agreement Amount:** \$20,931  
**New Equipment:** Six (6) dual-port Level-2 electric vehicle charging stations  
**Grant Cost-Effectiveness:** Not Applicable for Infrastructure  
**Cost-Effectiveness Limit:** Not Applicable for Infrastructure  
**Overall Program Cost-Effectiveness:** Not Applicable for Infrastructure  
**Project Life:** 3 Years  
**Project Lifetime Emission Reductions:** Not Applicable for Infrastructure

## FUND INFORMATION

**Community Air Protection Program – Year 2 Budget:** \$1,060,100  
**Encumbered Grant Agreements:** \$36,664 (Including current grant)  
**Community Air Protection Program – Year 2 Balance:** \$1,023,436

Approved: \_\_\_\_\_

Air Pollution Control Officer

Date: 13 Nov 19

Please contact the Board Clerk to review this grant agreement

# GRANT AGREEMENT APPROVAL FORM

**To:** Air Pollution Control Officer  
**Staff Contact:** Alex Economou  
**Date:** October 8, 2019  
**Grant Program:** Electric Vehicle Charging Station Infrastructure Program (EVCS Program)

## GRANT INFORMATION

**Grantee:** City of Santa Barbara  
**Grant Agreement Number:** EVCS-021: Granada Garage  
**Grant Agreement Amount:** \$60,000  
**New Equipment:** Two (2) single-port Level-2 charging stations,  
Fourteen (14) dual-port Level-2 charging stations  
**Grant Cost-Effectiveness:** Not Applicable for the EVCS Program  
**Program Limit:** Not Applicable for the EVCS Program  
**Project Life:** 3 Years  
**Project Lifetime Emission Reductions:** Not Applicable for the EVCS Program

## FY 2019-20 APPROVED BUDGET

**Approved Program Budget:** \$100,000  
**Encumbered Grant Agreements:** \$100,000 (Including current Grant)  
**Current Program Balance:** \$0  
**Overall Program Cost-Effectiveness:** Not Applicable for the EV Program

Approved: \_\_\_\_\_

  
Air Pollution Control Officer

Date: 13 Nov 19

Please contact the Board Clerk to review this grant agreement