




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

RECOMMENDATION:

Receive and file the following:

- 1) An update on the Old Car Buy Back Program for vehicles retired during the period of June 1, 2019 through August 31, 2019;
- 2) An update on the Woodsmoke Reduction Program for fireplace and stove replacement projects during the period of October 25, 2018 through October 1, 2019; and
- 3) Summary of the emission-reduction grant agreements approved by the Air Pollution Control Officer for the period of July 31, 2019 through September 27, 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

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.

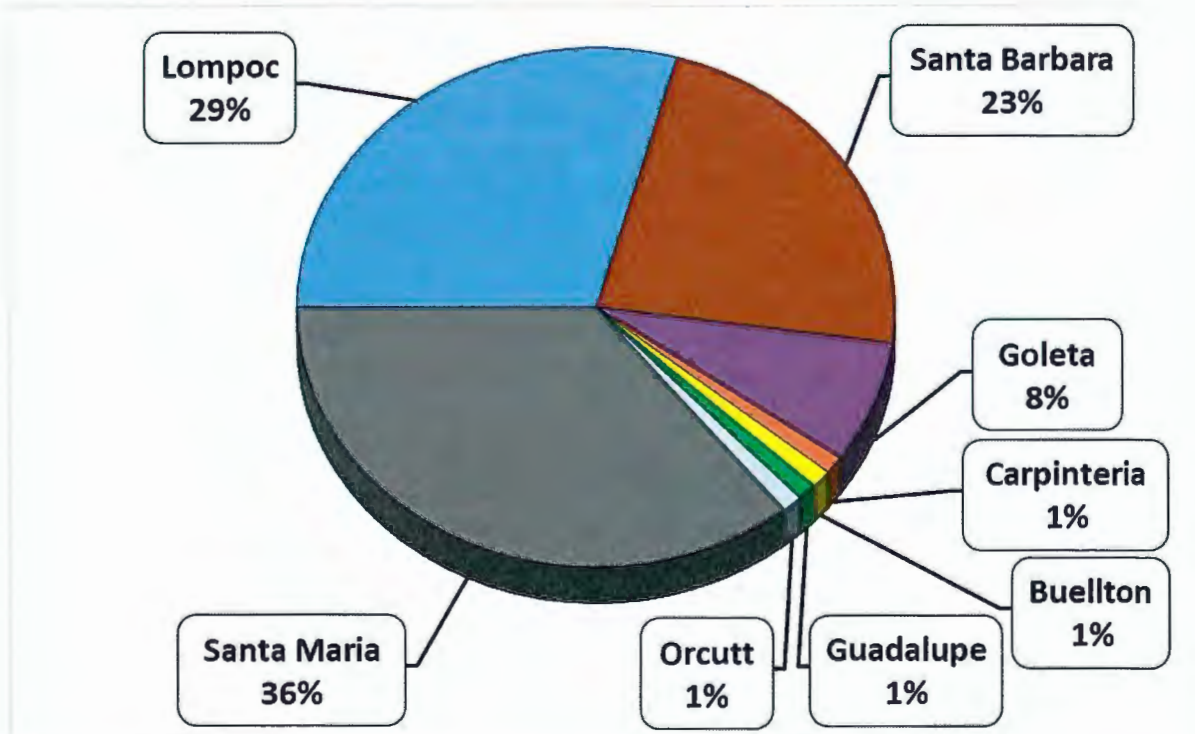
The three regional dismantlers earned \$250 for each vehicle that they helped retire. Currently, the total program cost is \$1,250 to retire a vehicle.

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.

Fiscal Year 2019-20: Budget for Old Car Buy Back	\$700,000
Fiscal Year 2019-20: Old Car Buy Back Expenditures	\$21,500
Fiscal Year 2019-20: Remaining Balance	\$678,500

VEHICLES RETIRED: JUNE 1, 2019 THROUGH AUGUST 31, 2019	92
\$ COMMITTED: [92 VEHICLES @ \$1,250/VEHICLE]	\$115,000
TOTAL PROJECT TONS REDUCED [NOx + ROC + PM]:	8.05

VEHICLE OWNER LOCATION *



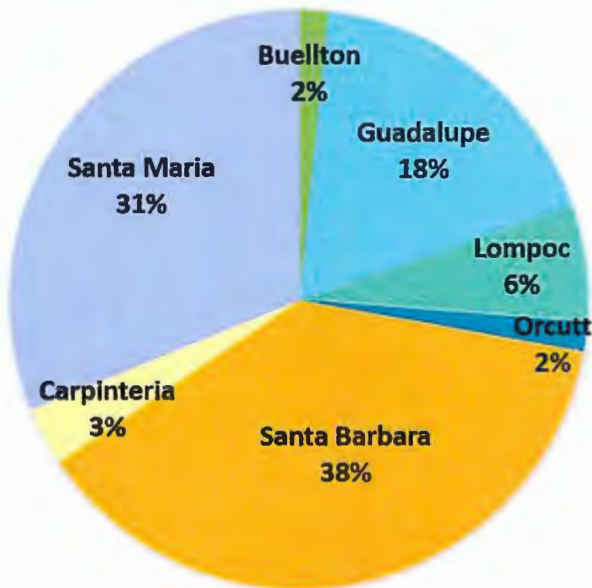
*For vehicles retired from June 1, 2019 – August 31, 2019.

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.

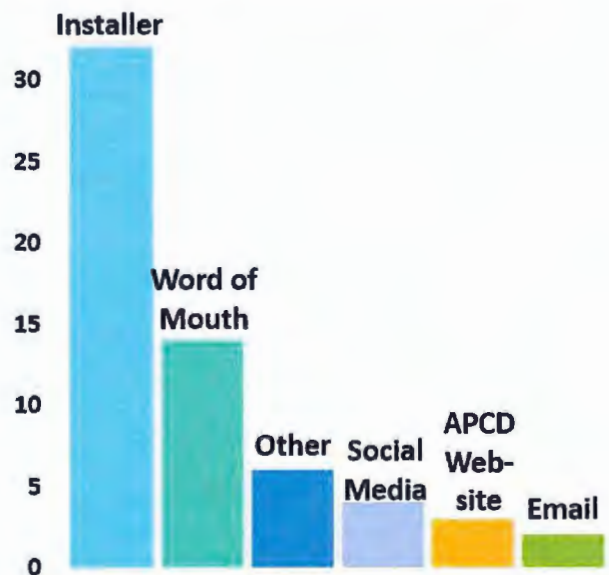
The program improves air quality and mitigates neighborhood impacts by reducing the amount of woodsmoke emitted from fireplaces and wood stoves in the county, which accounts for about 33 percent of wintertime particulate matter (PM_{2.5} and PM₁₀) emissions. In addition to particulate matter, woodsmoke 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 th 2018 – October 1 st 2019						
Household Type:	Vouchers Issued	Projects Completed		\$ Expended	PM _{2.5} (lbs) Reduced	Black Carbon (lbs) Reduced
		Wood Fireplace to Gas Insert	Wood Stove to Gas Stove			
Low Income	50	38	1	\$196,978	75,594	9,449
Other	15	11	1	\$12,000	22,119	2,765
Total	65	49	2	\$208,978	97,713	12,214
Year 1 Program Budget				\$225,000		
Year 1 Program Balance				\$16,022		

Project Location (Pending & Completed Projects)



How Applicants Learned of Program



GRANT AGREEMENT APPROVAL FORM


To: Air Pollution Control Officer
Staff Contact: Alex Economou
Date: August 27, 2019
Grant Program: Lower Emission School Bus Program (LESBP)

GRANT INFORMATION

Grantee: Lompoc Unified School District
Grant Agreement Number: AP192001
Grant Agreement Amount: \$20,000
Existing Equipment: (4) 2004 Pressed Steel Tank Company H1312371 CNG fuel tanks
New Equipment: (4) 2019 Worthington Industries ALT918E CNG fuel tanks
Grant Cost-Effectiveness: Not applicable for the LESBP
Program Limit: Not applicable for the LESBP
Project Life: 5 Years
Project Lifetime Emission Reductions: Not applicable for the LESBP

PROGRAM INFORMATION

Fiscal Year 2019-20 Budget: \$300,000
Encumbered Grant Agreements: \$20,000 (Including current Grant)
Current Program Balance: \$280,000
Overall Program Cost-Effectiveness: Not applicable for the LESBP

Approved:  Air Pollution Control Officer	Date: 4 Sept 19
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Please contact the Board Clerk to review this grant agreement